

Interdisciplinary inquiry A

Teacher resource pack

Based on pre-release material for the **November 2016** Interdisciplinary on-screen examination.

Other supporting documents:

- Guidance document
- Interdisciplinary inquiry A Student resource pack (available for MYP years 1, 3 and 5)



Introduction

Please refer to the **guidance document** for full details of how to implement the Interdisciplinary inquiry. This support pack contains resources for **Inquiry A**, which is based on the interdisciplinary pre-release material from **November 2016**.

The structure of the inquiry can be seen below.



This **teacher resource pack** contains the materials you will need to implement this inquiry with your students. Additional resources may be needed, based on how you choose to adapt the inquiry for your remote-learning context and individual student needs. Please note that experience teaching subjects represented in the subject-grounded tasks is not essential.

This pack consists of the following:

- Interdisciplinary inquiry overview it is recommended that students have the opportunity to explore the inquiry questions before beginning to view them through the lens of a single discipline, as they will in the second phase
- Subject-grounded task A Integrated sciences
- Subject-grounded task B Individuals and societies
- Subject-grounded task C Design
- Subject-grounded task D Mathematics
- Final interdisciplinary task
- Assessment criteria and task-specific clarifications available for all tasks and MYP years 1, 3 and 5.



Interdisciplinary inquiry A – Overview

Session	November 2016		
Pre-release material	http://idprm.ibo.org/n16.html#/English	PLEASE ENSURE YOUR STUDENTS HAVE THE CORRECT LINK	
Statement of inquiry	Individuals, communities and governments, with their different perspectives, all have a role to play in promoting environmental sustainability.		
Global context	Globalization and sustainability		
Key/related concepts that may be explored	Perspective; Change; Systems; Communities Governance; Environment; Choice; Cause and consequence; Adaptations		
Inquiry questions	Governance; Environment; Choice; Cause and consequence; Adaptations Factual What is sustainability? What are the benefits of sustainability? What measures can communities and/or individuals take to help protect the environment? Conceptual In what ways do our individual choices contribute to global issues? How do humans interrupt natural environmental processes? How can designers balance the needs of the environment with the needs of stakeholders? How can evidence be used to change perspectives? Debatable Do governments and communities/individuals have equal responsibility to protect the environment? Are all perspectives equally valid? Are systems essential for a sustainable future? Please note that some questions may be factual or conceptual, based on the discipline through which it is being explored or the stage of a student's education.		
Subject- groundings	Integrated sciences; Individuals and societies; Design; Mathematics		



Tasks

Task	A	Subject grounding	Integrated sciences	Pre-release material sources	1
Relevant inquiry questions		How do humans interrupt natural environmental processes? Do governments, communities and individuals have equal responsibility to protect the environment? What measures can communities and/or individuals take to help protect the environment?			
Task descriptio	 What measures can communities and/or individuals take to help protect the environment? Please note that this version of the task is provided in the MYP 5 student pack. Alternative task descriptions and support can be found in the student support packs for MYP 1 and 3. You are a scientist tasked with providing a report for a politician about to go through an election campaign. Your report must brief the politician about human impacts on the environment, particularly those related to carbon emissions. The politician and their team need enough information to help them decide what their environmental policy should include; the report should also give them enough information to be able to answer scientific questions during the campaign. Before beginning to collect information for your report, you should decide which area you would like to focus on. This could be the area in which you live, it could be an area you have visited, it could be an area you have studied or it could be an area that interests you. In a brief introduction, you need to specify the area you have chosen and present 			d 3. chrough an s on the d their team cy should nswer scientific nich area you area you have sts you. sent esses are nment	
Relevant objective strands	ctive Alli. analyse and evaluate information to make scientifically supported judgments.				



Learning experience suggestions				
Asynchronous	Synchronous	Offline learning		
Students can make a KWL based on reading and share with teacher Online quizzes Online simulations to create data or inform the report.	Discussion and clarifying of questions through video conferencing, shared online white board Shared games or simulations that can be used for discussions	Discussions with household members on their views on environmental policy, sustainability, and their experience of voting in elections where the environment has been an issue		



Task	В	Subject grounding	Individuals and societies	Pre-release material sources	5, 6, 7	
Relevant inquiry questions		Do governments, communities and individuals have equal responsibility to protect the environment? What measures can communities and/or individuals take to help protect the environment? Are all perspectives equally valid?				
Task description	questions Are all perspectives equally valid? Please note that this version of the task is provided in the MYP 5 student pack. Alternative tak descriptions and support can be found in the student support packs for MYP 1 and 3. You are a research assistant working for the mayor of a coastal city. This city has a fishing port, and a beach that is responsible for its high level of tourism. Your task is to prepare mayor for a 'town hall' meeting where he/she will answer questions and listen to views from the community on possible changes to the law that the government is proposing. The new law will require that fishermen use only sustainable fishing methods. The mayor has asked for a briefing that includes information on the following: 1. Perspectives. What different stakeholders think about more sustainable fishing methods, and why.			and 3. Thas a fishing to prepare the en to views proposing. ds. ng: inable fishing onmental a, and how e to know how		
Relevant objective strands	objective Diff. analyse and evaluate a range of sources/data in terms of origin and purpose,			pose,		



Learning experience suggestions				
Asynchronous	Synchronous	Offline learning		
Search for industry-specific websites and databases related to each stakeholder and use them to better understand the stakeholders.	Roleplay using videoconferencing software or text chats Seminars looking at source evaluation	Interview household members for views on sustainable fishing and the reasons behind them .		



Task	С	Subject grounding	Design	Pre-release material sources	4, 6, 8, 9	
Relevant inquiry questions		What measures can communities and/or individuals take to help protect the environmer How can designers balance the needs of the environment with the needs of stakeholder				
Task description	n	 descriptions and support Inspired by United Natio Communities, a local coauthorities are therefore sustainable. You will select a community with which y relevant information abord You have been hired by community, (pre-release attractive as well as function) You must choose one of they want to achieve (the A group of stud canteen A marine biolog The owner of a more locally-gree A local politicia A consumer gree You must develop a dest summarize the useful ar 4,6,8 and through your relevant in the start of the start	can be found in ons Sustainable mmunity is look e seeking propo- nity; this may by you are familiar out the commu- a client to deve e materials 8 and ctional. If the following s heir problem): lents that wants gist interested in chain of local su own produce n interested in p oup interested in p	provided in the MYP 5 student pack. Al the student support packs for MYP 1 ar Development Goal 11: Sustainable C sing for ways to become more sustain sals for projects that will make the co e the community in which you live, o or in which you are interested. You n nity in your design brief. lop a plan for an aquaponics systen d 9.) The client wants the aquaponic s cenarios which specify both the clier to supply fruit and/or vegetables to n educating as well as feeding the pu upermarkets who wants to supply the protecting the environment n sustainable fish for local restaurant of the clients in the list above. You m rmation you have found in the pre-re <i>design brief.</i> nat includes a range of feasible design this is the best option), detailed plar e requirements for the creation of th	nd 3. ities and hable. The local mmunity more r it could be a hust include for the system to be at and what the school blic e stores with s hust concisely lease materials n ideas, a final hning	
Relevant objective strands		audience Aiii. analyse a range of e Aiv. develop a detailed o Bi. develop a design spe solution	xisting products design brief, whic cification which easible design ic	ution to a problem for a specified clie s that inspire a solution to the proble ch summarizes the analysis of relevar clearly states the success criteria for deas which can be correctly interpret	m nt research. the design of a	



Bi	iv. develop accurate and detailed planning drawings/diagrams and outline the
re	equirements for the creation of the chosen solution.

Learning experience suggestions

Asynchronous	Synchronous	Offline learning
Analysis of research from other tasks that contributes to the design brief. Virtual exhibition of design specifications. Use of computer-assisted drawing (CAD) software for solutions. Making surveys and polls for others to review the final chosen designs.	Group discussions to identify the design situation. Collaborative writing of design briefs. Mock interviews with students roleplaying stakeholders.	Printed materials would need to be provided for students working offline. The pack would need to include a sample design brief and a documentation that can be used for the research phase.

Scope for task adaptation

Teachers have the option to alter any task in these resources; perhaps the biggest scope for adaptation lies with this design task. The scope of the task could be extended or reduced, depending on where students are in their design course. If their learning environment allows, students themselves may even take the task further to create and evaluate their design solution.

For a breakdown of suggested forms the *planning drawings/diagrams (Biv)* could take, please see the design notes in the **assessment materials** section at the end of this document (taken from the design subject guide).

Please note that this task, as with all others, has been modified for MYP1 and 3 in the respective student packs to reflect the relevant criteria and a suitable level of demand.



Task	D	Subject grounding	Mathematics	Pre-release material sources	5, 7 (& additional resource 'Tuna fish farming')
Relevant inquiry questions		Do governments, communities and individuals have equal responsibility to protect the environment? How do humans interrupt natural environmental processes? Can individuals really effect global change?			
Please note that this version of the task is provided in the MYP 5 student pack. Alternative descriptions and support can be found in the student support packs for MYP 1 and 3. You are the owner of a bluefin tuna farm. Your farm is positioned at sea inside a circu space with diameter 280 metres and you have 80 000 juvenile bluefin tuna ready to the farm. Your task is to plan the layout of the farm and ensure you make the best us available space to maximize profits.					YP 1 and 3. a inside a circular tuna ready to move to
Task		 Note the following information: the average weight of a juvenile bluefin tuna 20 kg bluefin tuna gain approximately 10 kg in weight per year you will sell when the average weight reaches 70 kg. 			
descrip	tion	 Your plan should include the following: Technical information – Specify how you can make the best use of the available space for your juvenile fish. 			
 Bluefin tuna characteristics – Specify how many fish you can keep in twhat the feeding requirements are. Sales and profits of farmed bluefin tuna – Make calculations for the sprofit when the fish are sold. Design a farm with multiple cylindrical pens and make calculations for the relevant * You should use the additional source supplementary to the pre-release material 'International for the second profits for the relevant to help you as well. 					
				plementary to the pre-release r	naterial ' <u>Infographic</u>
				thematical representation	
Relevant objective strands		Di. identify relevant elements of authentic real-life situations Dii. select appropriate mathematical strategies when solving authentic real-life situations Diii. apply the selected mathematical strategies successfully to reach a solution Div. justify the degree of accuracy of a solution			
		Dv. justify whether a solution makes sense in the context of the authentic real-life situation			



Learning experience suggestions				
Asynchronous	Synchronous	Offline learning		
Make graphs out of data and information from reliable sources. Create infographics using infographic makers, icon generators or drawing software. Create posters, videos, websites or image galleries featuring you and your peers as influencers. Create or promote games and social apps that increase	Group discussions to identify the relevant factors and mathematical strategy. Share personal research	Hand-drawn scale drawings Mathematical calculations 2D or 3D models of the bluefin farm		



Final interdisciplin	ary task – addressing the SOI using findings from subject-grounded tasks
Statement of inquiry	Individuals, communities and governments, with their different perspectives, all have a role to play in promoting environmental sustainability.
Inquiry questions	Factual What is sustainability? What are the benefits of sustainability? What measures can communities and/or individuals take to help protect the environment? Conceptual In what ways do our individual choices contribute to global issues? How do humans interrupt natural environmental processes? How can designers balance the needs of the environment with the needs of stakeholders? How can data inform individuals? How can evidence be used to change perspectives? Debatable Do governments and communities/individuals have equal responsibility to protect the environment? Are all perspectives equally valid? Are systems essential for a sustainable future? Please note that some questions may be factual or conceptual, based on the discipline
Task description	 through which it is being explored or the stage of a student's education. You are an environmental influencer; your task is to raise awareness of one of the issues highlighted by the subject grounded tasks and/or the pre-release material. You should produce an awareness *campaign that will attract a large number of followers and mobilize people to make a difference on a global scale. You must draw on what you have learned in the subject grounded tasks. In your *campaign you should raise awareness by: combining knowledge from at least two subjects considering the perspectives of your target audiences discrediting fake news and presenting evidence-based information citing the pre-release material used (eg pre-release material Nov 2016 Source 2 Animal Welfare) citing other sources. To attract a large number of followers, you must identify different target audiences for your campaign, (for example, you may consider different age groups). For each identified target audience, you should consider which form(s) of



adverts, social media posts, three-dimensional struct musical compositions, calls to action).*Campaign: a planned series of actions. (In this case, communications. These can be all the same form – s can be in different forms).You should specify the target audience for each of th You may also wish to include a brief overview of theBi. Synthesize disciplinary knowledge to demonstrat Ci. Use appropriate strategies to communicate interce			it will be several different uch as a series of blogs – or they e communications you produce. entire campaign. e interdisciplinary understanding	
objective strands	effectively	effectively Cii. Document sources using recognized conventions		
	Le	earning experience suggestions		
Asynchronous		Synchronous	Offline learning	
Make graphs out of data and information from reliable sources Create infographics using infographic		Run a virtual chat or broadcast a debate and invite others to participate	Create a sign or display that can be placed on your window or balcony	
makers, icon generators or drawing software		Compose music or an art	Join or create a campaign for	

Join or create a campaign for software installation collaboratively with promoting sustainability at peers using online tools Create posters, videos, websites or home that can be shared later image galleries featuring you and your via telephone or online peers as influencers Compose and perform music or Create or promote games and social create art that people can hear apps that increase environmental or see from a distance awareness



Assessment materials

Relevant assessment criteria have been selected for each task, these can also be found in the **student resource pack**.

While task-specific clarifications for each level of achievement have been provided for the interdisciplinary task and the other subject-grounded tasks for Inquiry A, in design the distinction between different levels of achievement is made very clear by the use of different command terms, therefore task-specific clarifications are not necessary.

To facilitate marking and enhance student understanding, we have included the definition of the relevant command terms and the additional notes for criteria A and B from the subject guide. (These notes can be found at the end of the section titled "Design assessment criteria: Year 5" in *Middle Years Programme: Design guide*).

Please note: As task D does not require students to create a solution, we have modified the first note for criterion B.

MYP 5 – Task A			
Level	Level descriptor	Task-specific clarification	
7-8	Ai. explain scientific knowledge Aiii. analyse and evaluate information to make scientifically supported judgments Di. explain the ways in which science is applied and used to address a specific problem or issue	 The student: <u>Ai</u> Explains the full journey of carbon in the carbon cycle, linking to how steps are influenced by humans <u>and</u> how carbon compounds change Explains a range of human activities that damage the environment (examples that are <u>and</u> are not due to carbon emissions), linking them to and explaining the consequences and their impact <u>Analyses</u> how a wide range of these consequences may affect future generations and how they may link to each other, then makes a scientifically-supported judgement about which are the most significant Analyses the effectiveness of alternatives/ changes by detailing their advantages and disadvantages, and making a scientifically-supported recommendation Evaluates the validity of the information used <u>Di</u> Explains how a range of alternatives/ changes would reduce damage to the environment (including the current activity each would replace, explaining why the alternative/change does not cause the same harm) 	
5-6	Ai. describe scientific knowledge Aiii. analyse information to make scientifically supported judgments. Di. describe the ways in which science is applied and used to	The student: <u>Ai</u> • Describes the full journey of carbon in the carbon cycle, including which steps are influenced by humans or describing how carbon compounds change	

Task A – Integrated sciences



	address a specific problem or issue	Describes human activities that damage the environment (examples that are <u>and</u> are not due to carbon emissions), with a description of what the direct consequences are <u>Aiiii</u>
		• Analyses how several of these consequences may affect future generations and how they may link to each other, then makes a scientifically-supported judgement about which are the most significant
		Analyses the effectiveness of the alternatives/ changes by detailing their advantages and disadvantages, and making a scientifically-supported recommendation
		Di
		• Describes a range of alternatives/ changes that would reduce damage to the environment (including the current activity each would replace)
		The student:
		Ai
		Outlines details of most of the steps in the carbon cycle
	Ai. outline scientific knowledge	Outlines details of human activities that damage the environment (including examples that are due to carbon emissions), with an outline of some
	Aiii. interpret information to	consequences
3-4	make scientifically supported judgments.	Aiii
5-4	Di. summarize the ways in which science is applied and used to address a specific	• Interprets how some of these consequences may affect future generations, and makes a scientifically-supported judgement about which are the most significant
	problem or issue	Interprets the effectiveness of the changes by detailing how they would help, and making a scientifically-supported recommendation
		<u>Di</u>
		• Summarizes some general and specific changes that individuals/ governments could make that would reduce damage to the environment
		The student:
		Ai
		States a range of steps in the carbon cycle
	Ai. state scientific knowledge	States human activities that damage the environment, and states some future consequences
1-2	Aiii. interpret information to make judgments.	Aiii
	Di. outline the ways in which science is used to address a	Interprets information to make a judgement about which consequences are the most significant, but without giving details about how it was decided
	specific problem or issue	• Interprets information to make a recommendation about which change(s) should take priority, but without giving details about how it was decided
		<u>Di</u>
		Outlines details of some general changes that individuals/ governments could make that would reduce damage to the environment



MYP 3 – Task A			
Level	Level descriptor	Task-specific clarification	
7-8	Ai. describe scientific knowledge Aiii. analyse information to make scientifically supported judgments. Di. describe the ways in which science is applied and used to address a specific problem or issue	 The student: <u>Ai</u> Describes the full journey of carbon in the carbon cycle, including which steps are influenced by humans <u>or</u> describing how carbon compounds change Describes human activities that damage the environment (examples that are <u>and</u> are not due to carbon emissions), with a description of what the direct consequences are <u>Aiii</u> Analyses how several of these consequences may affect future generations and how they may link to each other, then makes a scientifically-supported judgement about which are the most significant Analyses the effectiveness of the alternatives/ changes by detailing their advantages and disadvantages, and making a scientifically-supported recommendation <u>Di</u> Describes a range of alternatives/ changes that would reduce damage to the environment (including the current activity each would replace) 	
5-6	Ai. outline scientific knowledge Aiii. interpret information to make scientifically supported judgments. Di. summarize the ways in which science is applied and used to address a specific problem or issue	The student: Ai • Outlines details of most of the steps in the carbon cycle • Outlines details of human activities that damage the environment (including examples that are due to carbon emissions), with an outline of some consequences Aiii • Interprets how some of these consequences may affect future generations, and makes a scientifically-supported judgement about which are the most significant • Interprets the effectiveness of the changes by detailing how they would help, and making a scientifically-supported recommendation Di • Summarizes some general and specific changes that individuals/ governments could make that would reduce damage to the environment	
3-4	Ai. state scientific knowledge Aiii. apply information to make scientifically supported judgments Di. outline the ways in which science is used to address a specific problem or issue	The student: <u>Ai</u> • States a range of steps in the carbon cycle • States human activities that damage the environment, and states some future consequences <u>Aiiii</u> • Applies information to make a scientifically-supported judgement about which consequences are the most significant, but without giving details about how it was decided • Applies information to make a scientifically-supported recommendation about which change(s) should take priority, but without giving details about how it was decided	

		 <u>Outlines</u> details of some general changes that individuals/ governments could make that would reduce damage to the environment
1-2	Ai. recall scientific knowledge Aiii. apply information to make judgments . Di. state the ways in which science is used to address a specific problem or issue	 The student: <u>Ai</u> Recalls the names of some stages of the carbon cycle Recalls some human activities that damage the environment, and some future consequences <u>Aiiii</u> Applies information to make a judgement about which consequences are the most significant, but without giving details about how it was decided Applies information to make a recommendation about which change(s) should take priority, but without giving details about how it was decided <u>States</u> some changes that individuals/ governments could make that would reduce damage to the environment



MYP 1 -	MYP 1 – Task A			
Level	Level descriptor	Task-specific clarification		
7-8	Ai. outline scientific knowledge Aiii. interpret information to make scientifically supported judgments. Di. summarize the ways in which science is applied and used to address a specific problem or issue	 The student: <u>Ai</u> Outlines details of most of the steps in the carbon cycle Outlines details of human activities that damage the environment (including examples that are due to carbon emissions), with an outline of some consequences <u>Aiii</u> Interprets how some of these consequences may affect future generations, and makes a scientifically-supported judgement about which are the most significant Interprets the effectiveness of the changes by detailing how they would help, and making a scientifically-supported recommendation <u>Di</u> Summarizes some general and specific changes that individuals/ governments could make that would reduce damage to the environment 		
5-6	Ai. state scientific knowledge Aiii. apply information to make scientifically supported judgments Di. outline the ways in which science is used to address a specific problem or issue	 The student: <u>Ai</u> States a range of steps in the carbon cycle States human activities that damage the environment, and states some future consequences <u>Aiiii</u> Applies information to make a scientifically-supported judgement about which consequences are the most significant, but without giving details about how it was decided Applies information to make a scientifically-supported recommendation about which change(s) should take priority, but without giving details about how it was decided Outlines details of some general changes that individuals/ governments could make that would reduce damage to the environment 		
3-4	Ai. recall scientific knowledge Aiii. apply information to make judgments Di. state the ways in which science is used to address a specific problem or issue	 The student: <u>Ai</u> Recalls the names of some stages of the carbon cycle Recalls some human activities that damage the environment, and some future consequences <u>Aiiii</u> Applies information to make a judgement about which consequences are the most significant, but without giving details about how it was decided Applies information to make a recommendation about which change(s) should take priority, but without giving details about how it was decided <u>Di</u> 		



		States some changes that individuals/ governments could make that would reduce damage to the environment
1-2	Ai. select scientific knowledge Aiii. apply information to make judgments , with limited success . Di. state the ways in which science is used to address a specific problem or issue, with limited success .	 The student: <u>Ai</u> Selects (from a list) the names of some stages of the carbon cycle Selects (from a list) some human activities that damage the environment, and future consequences <u>Applies</u> information to make a judgement about which consequences are the most significant with limited success, and without giving details about how it was decided Applies information to make a recommendation about which change(s) should take priority with limited success, and without giving details about how it was decided States changes that individuals/ governments could make that would reduce damage to the environment, with limited success



MYP 5 -	MYP 5 – Task B			
Level	Level descriptor	Task-specific clarification		
7-8	Dii. synthesizes information to make valid, well-supported arguments Diii. effectively analyses and evaluates a range of sources/data in terms of origin and purpose, consistently recognizing value and limitations Div. thoroughly interprets a range of different perspectives and their implications.	 The student: Dii Synthesizes information about the advantages and disadvantages of at least 5 fishing methods, and links these to the wellbeing of the environment and the city. Comparisons between the methods are made Gives a valid conclusion that is well-supported by highlighting the deciding factors in their argument Diii Analyses and evaluates the origin and purpose of <u>all</u> relevant provided sources and at least 3 additional sources, and consistently uses this to recognize their value and limitations Div Interprets at least 4 different stakeholder perspectives on sustainable fishing, including why they hold that viewpoint. The implications of the law changes on all these stakeholders are given, and some possible solutions may be suggested if they are negative 		
5-6	Dii. synthesizes information to make valid arguments Diii. effectively analyses and evaluates a range of sources/data in terms of origin and purpose, usually recognizing value and limitations Div. interprets different perspectives and their implications.	 The student: <u>Dii</u> Synthesizes information about the advantages and disadvantages of at least 4 fishing methods, and links these to the wellbeing of the environment. Comparisons between some of the methods are made Gives a valid conclusion based on the factors detailed in their argument <u>Diii</u> Analyses and evaluates the origin and purpose of <u>most</u> relevant provided sources and at least 2 additional sources, and usually uses this to recognize their value and limitations <u>Div</u> Interprets at least 3 different stakeholder perspectives on sustainable fishing, including why they hold that viewpoint. The implications of the law changes on all these stakeholders are given 		
3-4	Dii. summarizes information to make arguments Diii. analyses and/or evaluates sources/data in terms of origin and purpose, recognizing some value and limitations Div. interprets different perspectives and some of their implications.	 The student: <u>Dii</u> Summarizes information about the advantages and disadvantages of at least 3 fishing methods, with some inconsistent links to the wellbeing of the environment. Each method is summarized in isolation, with little comparison between them Gives a conclusion, but it may not clearly reflect the factors detailed in their argument <u>Diiii</u> Analyses and/or evaluates the origin and purpose of <u>some</u> relevant provided sources and at least 1 additional source, and sometimes uses this to recognize their value and limitations <u>Div</u> 		

Task B – Individuals and societies



		 Interprets at least 3 different stakeholder perspectives on sustainable fishing including why they hold that viewpoint. The implications of the law changes on some of these stakeholders are given
		The student:
		Dii
	Dii. summarizes information to a limited extent to make arguments Diii. describes a limited number of sources/ data in terms of origin and purpose and recognizes nominal value	• Summarizes information about some advantages and/or disadvantages of at least 2 fishing methods, but without linking to the wellbeing of the environment. No comparisons are made
1-2		 Does not provide a conclusion Diii
	and limitations Div. identifies different perspectives and minimal implications.	 Uses information from provided sources only, and describes the origin and purpose of one source, but does not use it to recognize value and limitations <u>Div</u>
		• Identifies at least 3 different stakeholder perspectives on sustainable fishing. The implications of the law changes on at least 1 of these stakeholders are given, but may be unclear or incorrect



MYP 3 – Task B			
Level	Level descriptor	Task-specific clarification	
7-8	Dii. summarizes information to make consistent, well- supported arguments Diii. effectively analyses a range of sources/data in terms of origin and purpose, consistently recognizing value and limitations Div. clearly recognizes different perspectives and consistently explains their implications.	 The student: <u>Dii</u> Summarizes information about the advantages and disadvantages of at least 5 fishing methods, with links to the wellbeing of the environment. Some comparisons of different methods may be given Gives a conclusion that is well-supported by highlighting the deciding factors in their argument <u>Diii</u> Analyses the origin and purpose of <u>all</u> relevant provided sources and at least 2 additional sources, and consistently uses this to recognize their value and limitations <u>Div</u> Recognizes at least 3 different stakeholder perspectives on sustainable fishing, then explains what the implications of the law changes will be for all of them, and the causes of each implication 	
5-6	Dii. summarizes information in order to make usually valid arguments Diii. analyses sources/data in terms of origin and purpose, usually recognizing value and limitations Div. clearly recognizes different perspectives and describes most of their implications.	 The student: <u>Dii</u> Summarizes information about the advantages and disadvantages of at least 4 fishing methods, with occasional links to the wellbeing of the environment. Each method is summarized in isolation Gives a valid conclusion that mostly reflects the factors detailed in their argument <u>Diii</u> Analyses the origin and purpose of <u>most</u> relevant provided sources and at least 2 additional sources, and usually uses this to recognize their value and limitations <u>Div</u> Recognizes at least 3 different stakeholder perspectives on sustainable fishing, then describes what the implications of the law changes will be for at least 2 of them 	
3-4	Dii. summarizes information to make some adequate arguments Diii. analyses sources/data in terms of origin and purpose, recognizing some value and limitations Div. recognizes different perspectives and suggests some of their implications.	 The student: Dii Summarizes information about the advantages and/or disadvantages of at least 3 fishing methods. Each method is summarized in isolation Gives a conclusion Diii Analyses the origin and purpose of <u>some</u> relevant provided sources and at least 1 additional source, and sometimes uses this to recognize their value and limitations Div Recognizes at least 2 different stakeholder perspectives on sustainable fishing, then suggests what the implications of the law changes will be for at least 1 of them (though this may be incomplete or incorrect) 	

		The student:
1-2	Dii. begins to identify connections between information to make simple arguments Diii. recognizes the origin and purpose of few sources/data as well as nominal value and limitations of sources/data Div. identifies different perspectives.	Dii Identifies simple points about at least 2 fishing methods, but it may not be clear if these are presented as advantages or disadvantages A simple comparison may be made, but no conclusion is given Diii Vertifier Uses information from some relevant provided sources only, and recognizes the origin and purpose of one source, but may not use it to recognize its value and limitations Div
		• Identifies at least 2 different stakeholder perspectives on sustainable fishing



MYP 1 -	MYP 1 – Task B			
Level	Level descriptor	Task-specific clarification		
7-8	Dii. gives detailed justification of opinions using information Diii. consistently identifies and analyses a range of sources/data in terms of origin and purpose Div. consistently identifies different views and their implications	 The student: <u>Dii</u> Gives detailed information about at least 3 fishing methods, including how they work and why they are sustainable/ not sustainable Gives an opinion on which method is best, and why <u>Diii</u> Uses information from the relevant provided sources and at least 2 additional sources of their own, consistently identifying their origin and purpose in order to analyse their reliability <u>Div</u> Identifies at least 4 different stakeholder views on sustainable fishing, then identifies simply how the law changes will affect all of them 		
5-6	Dii. gives sufficient justification of opinions using information Diii. identifies the origin and purpose of a range of sources/data Div. identifies different views and most of their implications.	 The student: <u>Dii</u> Gives information about at least 3 fishing methods, including how they work or why they are sustainable/ not sustainable Gives an opinion on which method is best, and why <u>Diii</u> Uses information from the relevant provided sources and at least 1 additional source of their own, identifying the origin and purpose of most of them <u>Div</u> Identifies at least 3 different stakeholder views on sustainable fishing, then identifies simply how the law changes will affect most of them 		
3-4	Dii. justifies opinions with some information Diii. identifies the origin and purpose of sources/data Div. identifies some different views and suggests some of their implications	 The student: <u>Dii</u> Gives information about at least 2 fishing methods Gives an opinion on which method is best <u>Diii</u> Uses information from the relevant provided sources only, identifying the origin and purpose of at least 2 of them <u>Div</u> Identifies at least 2 different stakeholder views on sustainable fishing, then suggests what the implications of the law changes will be for at least 1 of them (though this may be incomplete or incorrect) 		
1-2	Dii. rarely uses information to justify opinions Diii. identifies the origin and purpose of limited sources/data Div. identifies some different views.	 The student: <u>Dii</u> Gives an opinion on which method is best, but with little information about fishing methods <u>Diii</u> Uses information from only 1 of the relevant provided sources and/or identifying the origin and purpose of only 1 source 		



	<u>Div</u>	
	•	Identifies at least 2 different stakeholder views on sustainable fishing



Task C – Design

MYP 5 – Ta	MYP 5 – Task C		
Level	Level descriptor	Additional notes and definitions of command terms	
		Additional notes	
	 Ai. explains and justifies the need for a solution to a problem for a client/ target audience Aiii. analyses a range of existing products that inspire a solution to the problem in detail Aiv. develops detailed design brief, which summarizes the analysis of relevant research. 	Criterion A When developing the design brief, students should concisely summarize only the useful and relevant information they have found through their *research. They will present this information in their own words. Students should not copy and paste information from sources without analysis or indicating relevance.	
7-8	Bi. develops detailed design specifications, which explain the success criteria for the design of a solution based on the analysis of the research	*Research is more than simply using the pre-release materials; students are required to do independent research on the community, the client and the solution.	
	Bii. develops a range of feasible design ideas, using an appropriate medium(s) and detailed annotation, which can be correctly interpreted by others	 Criterion B For this task, a feasible idea (Bii) is one that could be created in the community specified by the student. To evidence that an idea is feasible, the annotations would need to include approximate cost, location and 	
	Biii. presents the chosen design and justifies fully and critically its selection with detailed reference to the design specification	dimensions. • Examples of "planning drawings/diagrams" for digital design solutions include website navigation maps, interface layout—aesthetic considerations (websites), detailed sketches (graphic design), detailed	
	Biv. develops accurate and detailed planning drawings/diagrams and outlines requirements for the creation of the chosen solution.	storyboards (video editing and animations), and so on. • Examples of "planning drawings/diagrams" for product design solutions include scale drawing with measurements (orthographic), part and	
	Ai. explains the need for a solution to a problem for a specified client/target audience.	assembly drawings, exploded drawings, recipes, cutting plans, and so on.	
	Aiii. analyses a range of existing products that inspire a solution to the problem	Definitions of command terms	
	Aiv. develops a design brief, which explains the analysis of relevant research.	Explain: Give a detailed account including reasons or causes. (See also "Justify".)	
5-6	Bi. develops design specifications, which outline the success criteria for the design of a solution	Justify: Give valid reasons or evidence to support an answer or conclusion. (See also "Explain".)	
	Bii. develops a range of feasible design ideas, using an appropriate medium(s) and annotation, which can be interpreted by others	Analyse: Break down in order to bring out the essential elements or structure. (To identify parts and relationships, and to interpret information to reach conclusions.)	
	Biii. presents the chosen design and justifies its selection with reference to the design specification	Develop: To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state.	
	Biv. develops accurate planning drawings/diagrams and lists requirements for the creation of the chosen solution.	Summarize: Abstract a general theme or major point(s)	



	Ai. outlines the need for a solution to a problem for a specified client/target audience.	Present: Offer for display, observation, examination or consideration.
	Aiii. analyses one existing product that inspire a solution to the problem	Outline: Give a brief account or summary.
	Aiv. develops a design brief, which outlines the analysis of relevant research.	List: Give a sequence of brief answers with no explanation
3-4	Bi. lists some design specifications, which relate to the success criteria for the design of a solution	State: Give a specific name, value or other brief answer without explanation or calculation.
	Bii. presents a few feasible designs, using an appropriate medium(s) or annotation, which can be interpreted by others	Create: To evolve from one's own thought or imagination, as a work or an invention.
	Biii. justifies the selection of the chosen design with reference to the design specification	
	Biv. creates planning drawings/diagrams or lists requirements for the creation of the chosen solution.	
	Ai. states the need for a solution to a problem for a specified client/target audience.	
	Aii. develops a basic design brief, which states the findings of relevant research	
1-2	Bi. lists some basic design specifications for the design of a solution	
	Bii. presents one design, which can be interpreted by others	
	Biii. creates incomplete planning drawings/diagrams.	



MYP 3 – Task C		
Level	Level descriptor	Additional notes and definitions of command terms
		Additional notes (adapted for MYP 3)
	Ai. explains and justifies the need for a solution to a problem	Criterion A
	Aiii. analyses a group of similar products that inspire a solution to the problem	When developing the design brief, students should present only the useful and relevant information they have found through their *research. They
	Aiv. develops a design brief, which presents the analysis of relevant research.	will present this information in their own words. Students should not copy and paste information from sources without analysis or indicating relevance.
7-8	Bi. develops a design specification, which outlines the success criteria for the design of a solution based on the data collected Bii. presents a range of feasible design	*Research is more than simply using the pre-release materials; students are required to do independent research on the community and on products that inspire a solution to the problem.
	ideas, using an appropriate medium(s) and annotation , which can be correctly interpreted by others	Criterion B
		• For this task, a feasible idea (Bii) is one that could be created in the
	Biii. presents the chosen design and outlines the reasons for its selection with reference to the design specification	community specified by the student. To evidence that an idea is feasible, the annotations would need to include approximate cost, location and
	Biv. develops accurate planning	dimensions.
	drawings/diagrams and outlines requirements for the creation of the	Examples of "planning drawings/diagrams" for digital design solutions
	chosen solution.	include website navigation maps, interface layout—aesthetic
	Ai. explains the need for a solution to a	considerations (websites), detailed sketches (graphic design), detailed
	problem.	storyboards (video editing and animations), and so on.
	Aiii. describes a group of similar products	Examples of "planning drawings/diagrams" for product design solutions
	that inspire a solution to the problem	include scale drawing with measurements (orthographic), part and
	Aiv. develops a design brief, which outlines the findings of relevant research.	assembly drawings, exploded drawings, recipes, cutting plans, and so on. Definitions of command terms
5-6	Bi. develops design specifications, which identify the success criteria for the design of a solution	Explain: Give a detailed account including reasons or causes. (See also "Justify".)
	Bii. presents a range of feasible design ideas, using an appropriate medium(s) and explains key features, which can be interpreted by others	Justify: Give valid reasons or evidence to support an answer or conclusion. (See also "Explain".)
	Biii. presents the chosen design and outlines the main reasons for its selection with reference to the design specification	Analyse: Break down in order to bring out the essential elements or structure. (To identify parts and relationships, and to interpret information to reach conclusions.)
	Biv. develops accurate planning drawings/diagrams and lists requirements for the creation of the chosen solution.	Develop: To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state.
	Ai. outlines the need for a solution to a problem.	Summarize: Abstract a general theme or major point(s)
3-4	Aiii. outlines one existing product that inspires a solution to the problem	Present: Offer for display, observation, examination or consideration.
	Aiv. develops a basic design brief, which outlines some of the findings of relevant research.	Outline: Give a brief account or summary.

	 Bi. constructs a list of the success criteria for the design of a solution Bii. presents a few feasible design ideas, using an appropriate medium(s) or explains key features, which can be interpreted by others Biii. outlines the main reasons for choosing the design with reference to the design specification Biv. creates planning drawings/diagrams or lists requirements for the creation of the chosen solution. Ai. states the need for a solution to a problem. 	 List: Give a sequence of brief answers with no explanation State: Give a specific name, value or other brief answer without explanation or calculation. Create: To evolve from one's own thought or imagination, as a work or an invention. Identify: Provide an answer from a number of possibilities. Recognize and state briefly a distinguishing fact or feature.
1-2	 Aii. states some of the main findings of relevant research Bi. lists a few basic success criteria for the design of a solution Bii. presents one feasible design idea, which can be interpreted by others Biii. creates incomplete planning drawings/diagrams. 	Construct : Display information in a diagrammatic or logical form.



MYP 1 – Ta	MYP 1 – Task C		
Level	Level descriptor	Additional notes and definitions of command terms	
	Ai. explains and justifies the need for a solution to a problem	Additional notes (adapted for MYP 1)	
	Aiii. describes the main features of an existing product that inspires a solution to the problemAiv. presents the main findings of relevant	Criterion A Students should present the information they have found through their *research in their own words. Students should not copy and paste	
	research Bi. develops a list of success criteria for the solution	information from sources.	
7-8	Bii. presents feasible design ideas, using an appropriate medium(s) and outlines the key features, which can be correctly interpreted by others	*Research is more than simply using the pre-release materials; students are required to do independent research on the community and on products that inspire a solution to the problem.	
	Biii. presents the chosen design describing the key features Biv. creates a planning drawing/diagram, which outlines the main details for	Criterion B • For this task, a feasible idea (Bii) is one that could be created in the community specified by the student. To evidence that an idea is feasible, the key features would need to include approximate cost, location and	
	Making the chosen solution Ai. explains the need for a solution to a problem	dimensions. Examples of "planning drawings/diagrams" for digital design solutions include website navigation maps, interface layout—aesthetic 	
	Aiii. outlines the main features of an existing product that inspires a solution to the problem	considerations (websites), detailed sketches (graphic design), detailed storyboards (video editing and animations), and so on. • Examples of "planning drawings/diagrams" for product design solutions	
	Aiv. outlines the main findings of relevant research	include scale drawing with measurements (orthographic), part and assembly drawings, exploded drawings, recipes, cutting plans, and so on.	
5-6	Bi. develops a few success criteria for the solution	Definitions of command terms	
	Bii. presents a few feasible design ideas, using an appropriate medium(s) and labels key features, which can be interpreted by others	Explain: Give a detailed account including reasons or causes. (See also "Justify".)	
	Biii. presents the chosen design stating the key features	Justify: Give valid reasons or evidence to support an answer or conclusion.	
	Biv. creates a planning drawing/diagram and lists the main details for the creation of the chosen solution	(See also "Explain".) Analyse: Break down in order to bring out the essential elements or	
	Ai. outlines the need for a solution to a problem	structure. (To identify parts and relationships, and to interpret information to reach conclusions.)	
	Aiii. states the main features of an existing product that inspires a solution to the problem	Develop: To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state.	
3-4	Aiv. Outlines some of the main findings of relevant research	Summarize: Abstract a general theme or major point(s)	
	Bi. states a few success criteria for the solution		
	Bii. presents more than one design ideas using an appropriate medium(s) or labels key features, which can be interpreted by others	Present: Offer for display, observation, examination or consideration.Outline: Give a brief account or summary.	



	Biii. states the key features of the chosen design	List: Give a sequence of brief answers with no explanation
	Biv. creates a planning drawing/diagram or lists requirements for the creation of the chosen solution	State: Give a specific name, value or other brief answer without explanation or calculation.
	Ai. states the need for a solution to a problem Aii. states the findings of research	Create: To evolve from one's own thought or imagination, as a work or an invention.
1-2	 Bi. states one basic success criterion for a solution Bii. presents one design idea which can be interpreted by others Biii. creates an incomplete planning drawing/diagram 	Identify: Provide an answer from a number of possibilities. Recognize and state briefly a distinguishing fact or feature. Construct: Display information in a diagrammatic or logical form.



MYP 5 -	Task D	
Level	Level descriptor	Task-specific clarification
7-8	 Ciii. move effectively between different forms of mathematical representation. Di. identify the relevant elements of the authentic real-life situation Dii. select appropriate mathematical strategies to model the authentic real-life situation Diii. apply the selected mathematical strategies to reach a correct solution to the authentic real-life situation Div. justify the degree of accuracy of the solution Dv. justify whether the solution makes sense in the context of the authentic real-life situation. 	 The student: Ciii demonstrates the ability to move between all the information provided in the infographic to the scenario Di identifies at least three relevant factors Dii has selected at least three correct mathematical strategies Diii has supporting calculations, that are fully correct, for the geometrical shapes, characteristics of the fish and sales and profit Div justifies the degree of accuracy by considering the averages and by rounding values Dv justifies if their calculations make sense by referring to the constraints.
5-6	 Ciii. usually move between different forms of mathematical representation Di. identify the relevant elements of the authentic real-life situation Dii. select adequate mathematical strategies to model the authentic real-life situation Diii. apply the selected mathematical strategies to reach a valid solution to the authentic real-life situation Div. explain the degree of accuracy of the solution Dv. explain whether the solution makes sense in the context of the authentic real-life situation. 	The student: Ciii • demonstrates the ability to move between most of the information provided in the infographic to the scenario Di • identifies at least two relevant factors Dii • has selected at least two correct mathematical strategies Diii • has supporting calculations, at least two fully correct, for the geometrical shapes, characteristics of the fish and sales and profit Div • explains the degree of accuracy by considering the averages or by rounding values Dv • explains if their calculations make sense by referring to the constraints.
3-4	Di. identify the relevant elements of the authentic real-life situation Dii. select , with some success , adequate mathematical strategies to model the authentic real-life situation	The student: Di i identifies at least two relevant factors Dii

Task D – Mathematics (please see <u>Task D teacher support notes</u> for further examples)



	Diii. apply mathematical strategies to reach a solution to the authentic real-life situation Div. discuss whether the solution makes sense in the context of the authentic real- life situation.	• Diii • <u>Div</u>	has selected at least one correct mathematical strategy has supporting calculations, at least one fully correct, for the geometrical shapes, characteristics of the fish and sales and profit
		•	describes if their calculations make sense by referring to the constraints.
		The	student:
1-2	Di. identify some of the elements of the authentic real-life situation Dii. apply mathematical strategies to find	<u>Di</u> •	identifies at least one relevant factor
	a solution to the authentic real-life situation, with limited success .	Dii •	has supporting calculations, at least one fully correct, for one of the geometrical shapes, characteristics of the fish or sales and profit.



MYP 3 –	MYP 3 – Task D			
Level	Level descriptor	Task-specific clarification		
7-8	 Ciii. move effectively between different forms of mathematical representation Di. identify the relevant elements of the authentic real-life situation Dii. select appropriate mathematical strategies to model the authentic real-life situation Diii. apply the selected mathematical strategies to reach a correct solution Div. explain the degree of accuracy of the solution Dv. explain whether the solution makes sense in the context of the authentic real-life situation. 	The student: Ciii • demonstrates the ability to move between all the information provided in the infographic to the scenario Di • identifies at least three relevant factors Dii • has selected at least two correct mathematical strategies Diii • has supporting calculations, that are fully correct, for the geometrical shapes, characteristics of the fish and sales and profit Div • explains the degree of accuracy by considering the averages and by rounding values Dv • explains if their calculations make sense by referring to the constraints.		
5-6	 Ciii. move between different forms of mathematical representation with some success Di. identify the relevant elements of the authentic real-life situation Dii. select adequate mathematical strategies to model the authentic real-life situation Diii. apply the selected mathematical strategies to reach a valid solution to the authentic real-life situation Div. describe the degree of accuracy of the solution Dv. discuss whether the solution makes sense in the context of the authentic real-life situation. 	The student: Ciii Ciii • demonstrates the ability to move between most of the information provided in the infographic to the scenario Di Di • identifies at least two relevant factors Dii • has selected at least one correct mathematical strategy Diii • has supporting calculations, at least two fully correct, for the geometrical shapes, characteristics of the fish and sales and profit Div • describes the degree of accuracy by considering the averages or by rounding values Dv • describes if their calculations make sense by referring to the constraints.		
3-4	 Di. identify the relevant elements of the authentic real-life situation Dii. select, with some success, adequate mathematical strategies to model the authentic real-life situation Diii. apply mathematical strategies to reach a solution to the authentic real-life situation 	The student: Di • identifies at least two relevant factors Dii • has selected at least one correct mathematical strategy Diii		



	Div. describe whether the solution makes sense in the context of the authentic real-life situation.	 has supporting calculations, at least one fully correct, for the geometrical shapes, characteristics of the fish and sales and profit <u>Div</u> describes if their calculations make sense by referring to the constraints. 	
		The student:	
	Di. identify some of the elements of	Di	
1-2	the authentic real-life situation	• identifies at least one relevant factor	
	Dii. apply mathematical strategies to find a solution to the authentic real-life	Dii	
	situation, with limited success .	• has supporting calculations, at least one fully correct, for one of; geometrical shapes, characteristics of the fish or sales and profit.	



MYP 1 –	Task D	
Level	Level descriptor	Task-specific clarification
7-8	 Di. identify the relevant elements of the authentic real-life situation Dii. select adequate mathematical strategies to model the authentic real-life situation Diii. apply the selected mathematical strategies to reach a correct solution to the authentic real-life situation Div. explain the degree of accuracy of the solution Dv. describe correctly whether the solution makes sense in the context of the authentic real-life situation. 	The student: Di • identifies at least three relevant factors Dii • has selected at least two correct mathematical strategies Diii • has supporting calculations, that are fully correct, for the geometrical shapes, characteristics of the fish and sales and profit Div • explains the degree of accuracy by considering the averages and by rounding values. Dv
		• describes if their calculations make sense by referring to the constraints.
5-6	 Di. identify the relevant elements of the authentic real-life situation Dii. select adequate mathematical strategies to model the authentic real-life situation Diii. apply the selected mathematical strategies to reach a valid solution to the authentic real-life situation Div. describe the degree of accuracy of the solution Dv. state correctly whether the solution makes sense in the context of the authentic real-life situation. 	 The student: <u>Di</u> identifies at least two relevant factors <u>Diii</u> has selected at least two correct mathematical strategies <u>Diiii</u> has supporting calculations, at least two fully correct, for the geometrical shapes, characteristics of the fish and sales and profit <u>Div</u> describes the degree of accuracy by considering the averages or by rounding values <u>Dv</u> states if their calculations make sense by referring to the constraints.
3-4	 Di. identify the relevant elements of the authentic real-life situation Dii. apply mathematical strategies to reach a solution to the authentic real-life situation Diii. state, but not always correctly, whether the solution makes sense in the context of the authentic real-life situation. 	 The student: <u>Di</u> identifies at least two relevant factors <u>Dii</u> has supporting calculations, at least one fully correct, for the geometrical shapes, characteristics of the fish and sales and profit <u>Diii</u> states if their calculations make sense by referring to the constraints, with some errors.



Di			The student:
1-2 Di. identify some of the elements of the authentic real-life situation identifies at least one relevant factor 1-2 Dii. apply mathematical strategies to find a solution to the authentic real-life situation, with limited success. identifies at least one relevant factor Dii. apply mathematical strategies to find a solution, with limited success. identifies at least one relevant factor Dii . has supporting calculations, with errors, for one of geometrical shapes, characteristics of the fish or sales and profit.	1-2	Dii. apply mathematical strategies to find a solution to the authentic real-life	 Dii has supporting calculations, with errors, for one of geometrical shapes,



Interdisciplinary task

Final in	Final interdisciplinary task – MYP 5				
Level	Level descriptor	Task-specific clarification			
7-8	Bi. synthesizes disciplinary knowledge to demonstrate consistent, thorough and insightful interdisciplinary understanding Ci. applies communication skills in interdisciplinary learning that is consistently well structured, clear and coherent, using selected forms or media effectively Cii. consistently documents well-chosen sources using a recognized convention	 The student: Bi appropriately and correctly combines knowledge from at least two subjects to raise awareness addresses three aspects of the chosen issue presents ideas that are clear and engaging. Ci presents all information and ideas clearly organizes all information and ideas in a coherent and logical manner selects appropriate form(s) of communication for the identified target audiences effectively uses linguistic and/or visual devices to enhance impact on target audiences Cii uses recognized citation for all sources uses relevant and reliable sources. 			
5-6	Bi. synthesizes disciplinary knowledge to demonstrate consistent, thorough interdisciplinary understanding Ci. applies communication skills in interdisciplinary learning that is generally organized, clear and coherent, beginning to use selected forms or media effectively Cii. documents relevant sources using a recognized convention	The student: Bi • appropriately and correctly combines knowledge from at least two subjects to raise awareness • addresses three aspects of the chosen issue. Ci • presents all information and ideas clearly • organizes most information and ideas in a coherent and logical manner • selects appropriate form(s) of communication for the identified target audiences • uses some linguistic and/or visual devices, demonstrating awareness of how to enhance impact on an audience. Cii • uses recognized citation for all sources • uses relevant sources.			
3-4	 Bi. demonstrates disciplinary knowledge to achieve adequate understanding Ci. applies communication skills in interdisciplinary learning with some organization and coherence, recognizing appropriate forms or media Cii. lists sources 	The student: Bi • appropriately or correctly combines knowledge from at least two subjects to raise awareness • addresses two aspects of the chosen issue. Ci • organizes some information and ideas in a coherent and logical manner • selects appropriate form(s) of communication for the identified target audiences.			



		 Cii lists sources.
	Bi. identifies few and/or superficial connections between disciplines	The student: <u>Bi</u>
1-2	Ci. applies communication skills in interdisciplinary learning with little structure, clarity or coherence	 briefly states some connections between subjects. <u>Ci</u> presents information and ideas but these may be difficult to follow.



Final interdisciplinary task – MYP 3				
Level	Level descriptor	Task-specific clarification		
7-8	Bi. synthesizes disciplinary knowledge to demonstrate consistent and thorough interdisciplinary understanding Ci. communicates interdisciplinary understanding that is clear and well structured, beginning to use the selected forms or media appropriately Cii. documents relevant sources	 The student: <u>Bi</u> appropriately and correctly combines knowledge from at least two subjects to raise awareness addresses three aspects of the chosen issue. <u>Ci</u> presents all information and ideas clearly organizes all information and ideas in a coherent and logical manner selects appropriate form(s) of communication for the identified target audiences uses some linguistic and/or visual devices, demonstrating awareness of how to enhance impact on an audience <u>Cii</u> documents all sources uses relevant sources. 		
5-6	Bi. synthesizes disciplinary knowledge to demonstrate interdisciplinary understanding Ci. communicates interdisciplinary understanding that is generally well organized and coherent, recognizing appropriate forms or media Cii. identifies relevant sources.	 The student: <u>Bi</u> appropriately and correctly combines knowledge from at least two subjects to raise awareness. Ci presents all information and ideas clearly organizes most information and ideas in a coherent and logical manner selects appropriate form(s) of communication for the identified target audiences. Cii lists relevant sources. 		
3-4	 Bi. connects disciplinary knowledge to achieve adequate understanding. Ci. communicates interdisciplinary understanding with some clarity and coherence Cii. identifies sources 	The student: Bi • appropriately or correctly combines knowledge from at least two subjects to raise awareness. Ci • presents some information and ideas clearly • organizes some information and ideas in a coherent and logical manner. Cii • lists sources.		
1-2	 Bi. establishes few and/or superficial connections between disciplines Ci. communicates interdisciplinary understanding with little structure, clarity or coherence 	The student: <u>Bi</u> • connects knowledge from at least two subjects. <u>Ci</u> • presents information and ideas but these may be difficult to follow.		



Final interdisciplinary task – MYP 1				
Level	Level descriptor	Task-specific clarification		
7-8	Bi synthesizes disciplinary knowledge to demonstrate consistent interdisciplinary understanding Ci communicates interdisciplinary understanding with clarity, organization and coherence Cii acknowledges relevant sources	The student: <u>Bi</u> • appropriately and correctly combines knowledge from at least two subjects to raise awareness. <u>Ci</u> • presents all information and ideas clearly • organizes all information and ideas in a coherent and logical manner. <u>Cii</u> • lists relevant sources.		
5-6	Bi synthesizes disciplinary knowledge to demonstrate interdisciplinary understanding Ci communicates interdisciplinary understanding in a way that is mostly clear Cii identifies sources	The student: <u>Bi</u> • appropriately or correctly combines knowledge from at least two subjects to raise awareness. <u>Ci</u> • presents most information and ideas clearly <u>Cii</u> • lists sources.		
3-4	Bi connects disciplinary knowledge to achieve adequate understanding Ci communicates interdisciplinary understanding with some clarity	The student: <u>Bi</u> Iinks knowledge from at least two subjects to raise awareness <u>Ci</u> • presents some information or ideas clearly.		
1-2	Bi establishes few and/or superficial connections between disciplines Ci communicates interdisciplinary understanding in a limited way	The student: <u>Bi</u> • combines knowledge from at least two subjects. <u>Ci</u> • conveys little information and/or few ideas.		

