IB AFRICA, EUROPE & MIDDLE EAST REGIONAL CONFERENCE 2013

THE HAGUE 24th - 27th OCTOBER
Jon Halligan, Assistant Principal (Director of IB) GEMS Wellington Academy, Dubai
IBCC - A journey in implementation & curriculum design
IBCC Key Drivers

**Key Drivers**
- Appropriateness
- Availability
- Accessibility
- Ethos
- Commitment to Students
- Pathways
- Needs of Students

**Tip**
- Don't be an island.
- Get Parents onside early on.
IBCC-Key Documents

• Pick 5/6 Standards per section including the IBCC specific.
• Contextual relevance to your school and experience of IBDP delivery.
• This will form the basis of your 5 year review.

Tip
IBCC- Key Stakeholders

Industry Stakeholders

Community Stakeholders

Local & International Higher Education Stakeholders
### IBCC - A typical timeline

<table>
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<tr>
<th>January</th>
<th>February</th>
<th>March</th>
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<th>September</th>
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<tbody>
<tr>
<td>Submit <em>Expression of interest form</em> (no fee) before submission of Application for candidacy: IBCC</td>
<td>Submit <em>Application for candidacy: IBCC and the authorization fee</em> (1 April)</td>
<td>Notification of candidacy status and begin working with remote consultant</td>
<td>Submit <em>Application for authorization: IBCC</em> (no fee) 1 October</td>
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<tr>
<td>Host verification visit (Jan-Feb)</td>
<td>Receive notification of status and prepare for implementation as an authorized IBCC IB World School</td>
<td>Begin implementation IBCC: Submit annual school fee (1 Sept)</td>
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**BTEC Standards Verification visit**
IBCC - Next Questions?

Context Matters

What goes here?

How does this work?

What choices can we offer?
GEMS Wellington Academy, Silicon Oasis, Dubai, UAE.

- BTEC Extended National Diploma in Business, ICT, Creative Media Production.
- IB courses chosen from group 3 & 6 at SL.
- Minimum GLH 1380 excluding the core.
- Integrated core components that are enquiry based.
- Contextually relevant to the schools location, curriculum model and ethos.
- Links with Industry via our Enterprise Coordinator and local universities (Murdoch) and developing links with international universities.
Academy Context

Mathematics, Science, Design & Technology

Arabic, English, ELL, MFL (French & Spanish), ICT & Computer Science, Business & Economics

Art, Geography, History, Physical Education, Performing Arts (Drama & Music, Media, Film), Islamic Studies, Psychology

Secondary Phase Schools

Director MST
Assistant Director
KS3 Curriculum
MST Teachers

Director L&C
Assistant Director
KS3 Curriculum
L&C Teachers

Director AHSL
Assistant Director
KS3 Curriculum
AHSL Teachers
Multiple IB Programmes

Tip

- Make links between multiple IBCC & IBDP programmes.
- Map the IBDP subjects to locate areas of interaction.
Language in the Workplace

Enquiry based Question
To what extent can language influence our perception in the workplace?

Enquiry outcome:
Video news item on findings.

Focus Skills:
Video Presentation Skills
Research skills
Script writing

ICT:
iMovie
Zite, Prezi
<table>
<thead>
<tr>
<th>Scenario</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ICT</strong></td>
<td>Case Studies: Google (the internship), WikiLeaks, Edward Snowdon. Task: Produce a short video news item from the perspective of the use/misuse of technology?</td>
</tr>
<tr>
<td><strong>Creative Media</strong></td>
<td>Gather a portfolio of evidence to use in a video news item that demonstrates how the media influences or colours our view of other people/cultures.</td>
</tr>
<tr>
<td><strong>Business</strong></td>
<td>Case Studies: Financial institutions (Banks - Fanny Mae, Wall Street etc) Task: Produce a short video news item on how the media portrays financial institutions?</td>
</tr>
</tbody>
</table>
Critical Thinking in the Workplace

Focus Skills:
- Numeracy Skills
- Research skills
- Critical Thinking Skills

Enquiry based Question
To what extent does industry use "Big Data" to inform decision making?

Enquiry outcome:
Produce an investigative analysis report.

ICT:
- Infographics
- Excel
<table>
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<tr>
<th>ICT</th>
<th>Review Data Visualisations and infographics. Task: Critically analyse both apple and samsung marketing campaigns, which is the more successful and why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative Media</td>
<td>Investigate how the media uses big data to inform it's content and advertising via both TV and Radio.</td>
</tr>
<tr>
<td>Business</td>
<td>Case study 1: UK Postcode analysis and superstore placement. Using this model, is it possible to reproduce a dubai district model to identify key data businesses might be interested in?</td>
</tr>
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</table>
Reflective Project

Staff Training
- Introduce Criteria & Mark example RP's.
- Read RP reviews & list "Top Tips".
- Mark new example RP's and moderate.

RP Retreat
- Market Research & Data Collection.
- Drafting Week Pre-production
- Concept Production & Review
- Final Product.
Community & Service

Specific IBCC Service Event
- Identified by Group.
- Awareness campaign.
- Uses student skill base.
- Identified community need.
- Sustainable.
- Community impact.

GEMS Service Schemes:
- Project Shukran
- SEWA Day
- GEMS Varkey Foundation
- WSO Service Group

Career-related skills base:
- Creative Media Production
- ICT Systems
- Business Skills
IBCC Global Perspective

Explore

IB Americas

IBAEM

IB Asia Pacific
Lee's Summit Schools, Missouri, USA.

- Project Lead the Way courses (dual credit).
- IB courses chosen from whole programme at HL/SL.
- GLH ranges 1200 - 1800 excluding the core.
- Integrated core components that are generic to IBCC.
- Contextually relevant to the schools promotion of Technology.
- Links with Cisco Systems and University of Nebraska.
Project Lead the Way

- Project Lead the Way:
  - Digital Electronics
  - Computer Integrated Manufacturing
  - Engineering Design and Development
  - Medical Interventions/Biomedical Innovations
  - Computer Software Engineering (pilot)
- Key partnerships with Cisco systems.
- Free choice of IB courses at HL/SL.
IBCC in Creative Industries

Queensland Academy of Creative Industries, Australia.

- Joint Honors programme with Queensland University in Entertainment Management.
- IB HL Film studied plus one other.
- Minimum GLH satisfies IBCC requirements.
- Integrated core components that are Creative Industries specific and delivered at University.
- Contextually relevant to the schools promotion of Creative Industries.
- Progression into Queensland University of Technology.

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IBCC in Sport

Jumeriah English Speaking School, Dubai, UAE.

• BTEC Extended National Diploma in Sport.
• IB courses chosen from group 3 & 6 at SL.
• Minimum GLH 1380 excluding the core.
• Integrated core components that are Sport specific.
• Contextually relevant to the schools promotion of the Arts, Sports and Curriculum.
• Exploratory links with Sketchers and Edinburgh University.

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ATL - Critical Thinking

WHAT IS CRITICAL THINKING?

Academic Exploration: Critical thinking is the intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication, as a guide to belief and action.

METHODS OF ANALYSIS

Self- Exploration: Modern techniques of sports performance analysis enable the sport scientist, coach and athlete to objectively assess, and therefore improve upon, sporting performance. They are an important tool for any serious practitioner in sport and, as a result, performance analysis has become a key component of degree

Research Question 1

How influential is Critical Analysis & Scientific Method in Sport?

Research Question 2

To what extent does the number of passes in a game of football affect the result?

SELF REFLECTION

TECHNOLOGY – I.C.T

CASE STUDIES:
Moneyball
Evander Holyfield
Barcelona

TASK
Observational Study conducted using Inter-Rater Reliability and Student designed Content Analysis Prof Forma.
• Recognition both locally (UAE) & Internationally is a work in progress.
• Equivalency and GLH.
• Sharing of IBCC models...not one size fits all.
• Next round of IBCC workshops, need Category 2 and 3 versions.
• Scope for designing bespoke courses for police, army, fire services etc?
• Supporting IBCC with SBS ie Marine Science.