IB THE CULTURE of LEARNING

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Blended learning: The Right Mix

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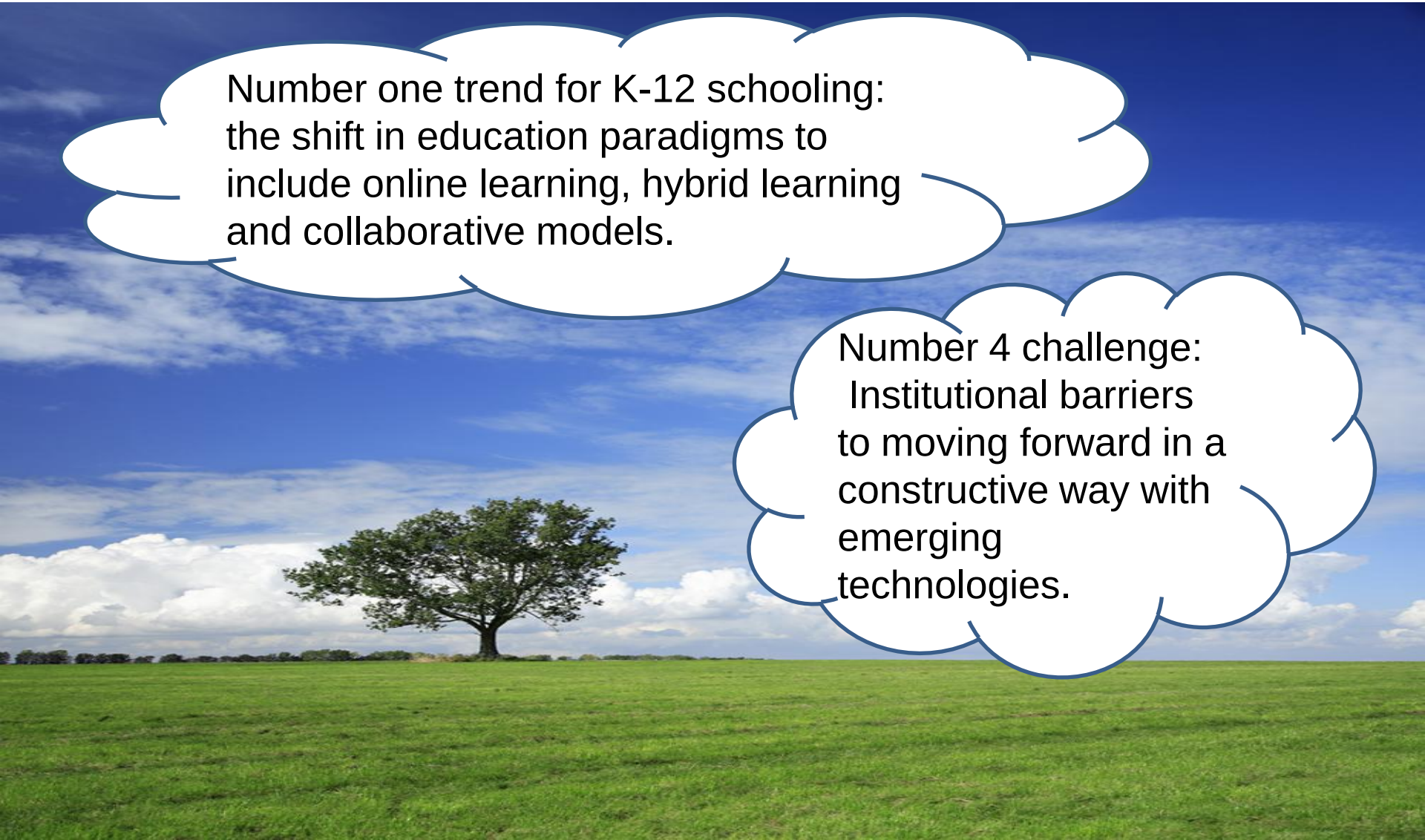
International Landscape

International Landscape

The Horizon Report: 2012 - 2017



Pathfinders

- **Mobilists**
- **Online learners**
- **Digital content producers**

If technology is used in personal life, it will more readily make its way into the classroom

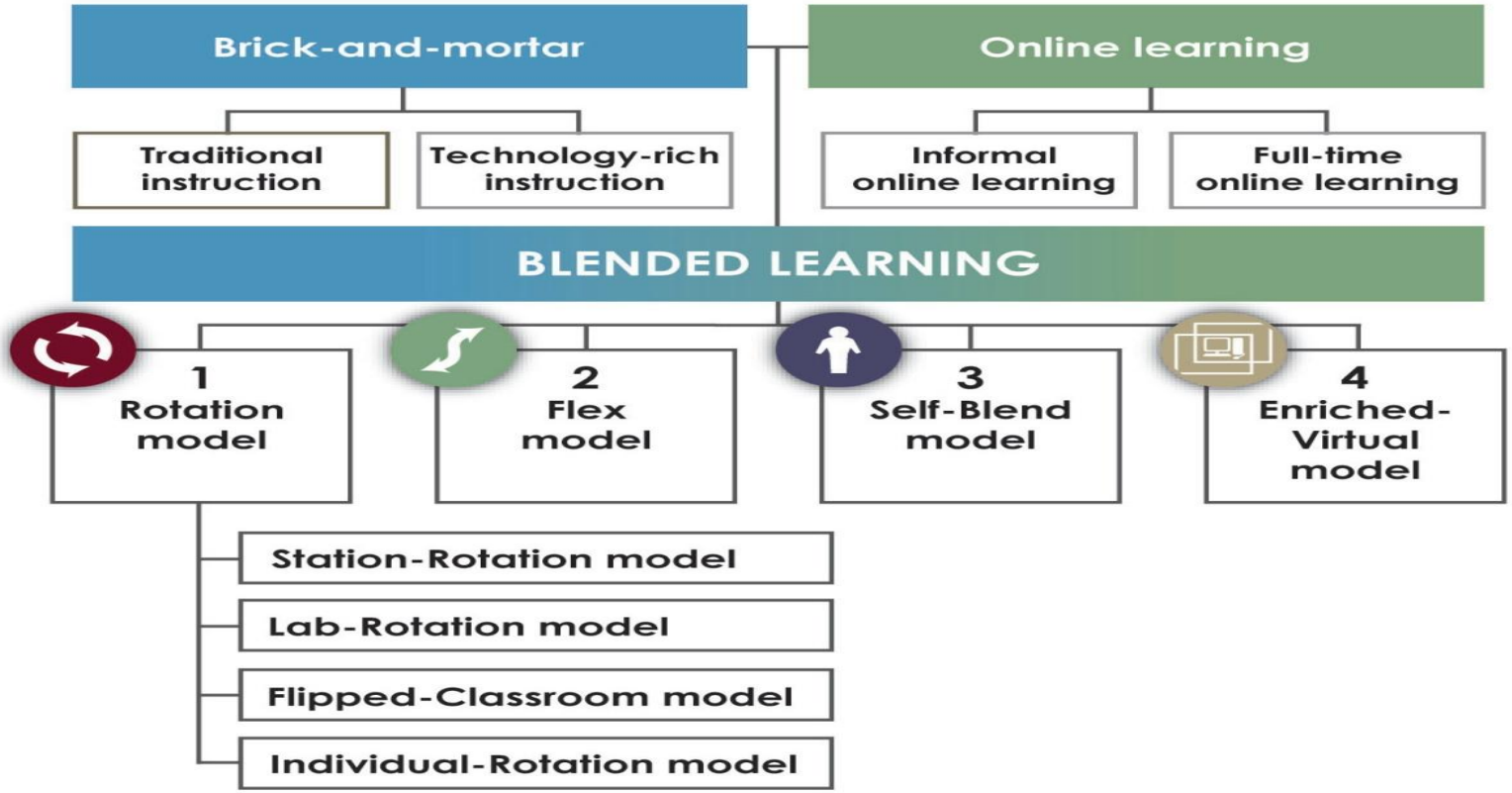
Project Tomorrow (2012)

Blended learning: What is it?

Any time a student learns at least in part at a supervised brick-and-mortar location away from home *and* at least in part through online delivery with some element of student control over time, place, path and/or pace.

(Horn & Staker, 2011)

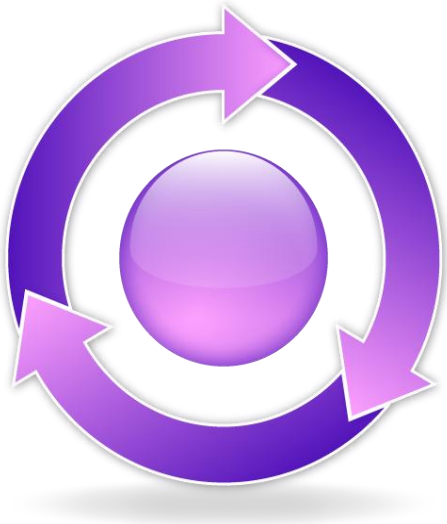
Continuum of online learning



Innosite Institute, 2012

Rotation Model

- Learning over different modalities (at least one is online)
- Teaching occurs at one station
- Variety of learning experiences to achieve the same objective



- Station-rotation
- Lab-rotation
- Flipped-classroom
- Individual-rotation

Flex Model

- Online delivery in classroom
- Face-to-face support (individually or group)
- Content primarily on computer
- Student determined pace

Self-blend model

- Students take one or more courses entirely online as part of school schedule
- DP courses online
- Lab-based, home-based
- Combination

Enriched-virtual model

- Full school experience online
- Students ‘sometimes’ enter the school building
- Mostly remote student-teacher/ student-student interaction

Why do it?

Primary Advantages

Teaching

Learning

Logistical

Teaching advantages

- Student-centred/personalized instruction
- Access to online resources, cases, experts
- Opportunities for online interaction
- International and intercultural experiences
- Participation of all learners – no passive consumers

Learning Advantages

- Time and opportunity for multiple review of content
- Stolen moments for learning
- *Just in time* access to teachers and peers
- Technology-enhanced information literacy skills
- New ways to collaborate/develop International mindedness

Logistical advantages

- Experience of online learning
- Student micromanagement
  - Any time, any place
  - Personalized (self-scheduled) pace
- Organization and time-management
- High quality reusable content and materials

Blended environments

Examples of practice

Flipped classrooms

New concepts and materials outside of school

Class time preserved for discussions, collaborations with classmates, problem solving, and experimentation.

Lectures go mobile

- U Tube/Vodcasts
  - Jing, Screencast-o-Matic, Camtasia, iPad Apps.
- Open Educational Resources
  - KhanAcademy, Edmodo, School Tube
- Teacher-created Resources
  - Fisch Flip
  - Bergman and Sams

Strategic/situational blends

- *Not enough hours* solutions (Hoover High School, TOK)
- Differentiation - accommodating learner needs
- Mobilize teaching and learning
- Cooperative teaching and learning
- *If we build it…(BYOT)*

Hybrid schedules

- Hybrid language learning traditional class time 2 -3 days per week used for e-learning and self-directed activities
  - ACCESS project, Alabama USA interactive video conferencing
- Diploma Programme courses online – expand course offerings to students in IB World Schools
  - Pamoja Education, Ltd.

Global collaborations

Rethinking one teacher, one classroom

West Africa e-twinning: Transcending boundaries and cultures

10 schools: France, Senegal and Togo

- Cooperative production of resources by teachers
- Collaborative opportunities for students across time zones

Teachers Matter

New opportunities, not alternatives to...

‘No successful, sustainable and scalable digital learning exists without teachers’ (Keeping Pace, 2011)

Considerations

- Why blend? What do we hope to achieve?
  - More than putting your classroom online
  - Seamless integration of F2F/Online
- What resources do we have and do we need?
  - Research supports that blended learning requires more teaching and planning time
  - Strategies to help students effectively process online content

If we build it…

BYOT: Bring your own technology

Will ownership of the learning process increase if students use a device of their own choosing?

Cultural Shift

Breaking ranks

A digital conversion can only be accomplished if the culture allows it – no long-term significant change can occur without creating a culture to sustain that change (NASSP)