

التعليم وتقنية المعلومات

بيئات التعلم الحديثة

المحاضرة الخامسة

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في بيئات التعلم الحديثة

ما الذي نعلّمه؟

كيف نعلّم؟

كيف يقيّم التعلم؟

ما أفضل بيئة للتعلم؟

● هل هي البيئة الإبداعية المبتكرة؟

●

● ...

هل هناك فرق بين الابداع والابتكار؟

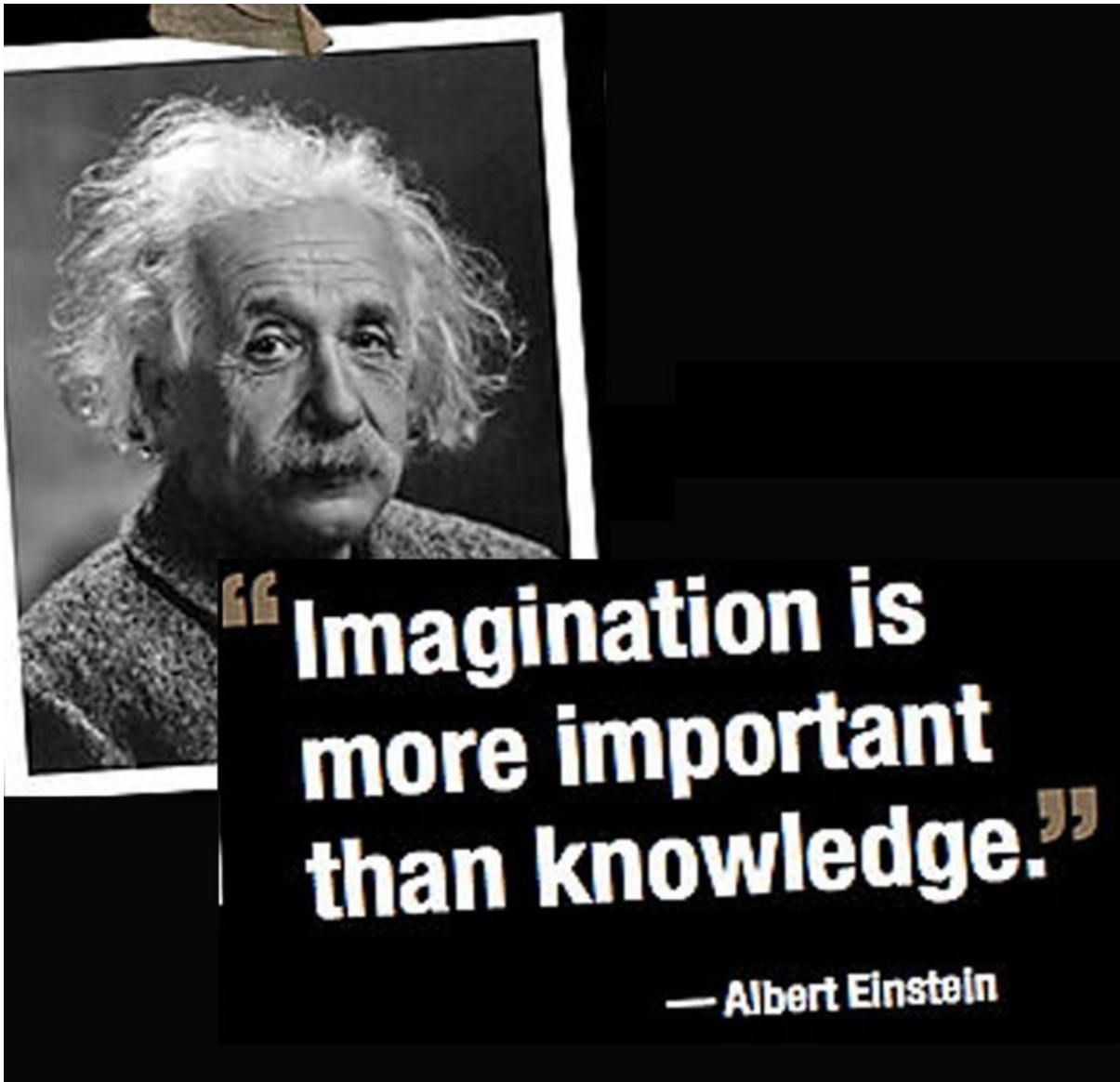
الابداع:

هو القدرة على تحويل الأفكار والمنتجات والأنماط التقليدية إلى أفكار ومنتجات وأنماط جديدة.

الابتكار:

هو تقديم شيء جديد كلياً أو مختلف عن أصل الشيء.







Creativity is as important now in education as literacy and we should treat it with the same status.

Ken Robinson



IMAGE CREDIT: <http://www.wallpapersdesign.net/wallpapers/2012/11/Creativity-Pictures-Hands-Peacock-Art-800x1280.jpg>

<http://allthingslearning.wordpress.com/>

مفهوم البنائية الاجتماعية Social-constructivist

- Constructive, self-regulated learning is fostered
- The learning is sensitive to context
- It will often be collaborative

Adaptive Expertise

خبراء التكيف

- Guided Learning (Teacher- objectives)
- Action Learning (Learner- objectives)
- Experiential Learning (contexts motivations-objectives)

The Gatekeepers of Learning

Emotion & Motivation

The 7 Principles of Learning

OECD Project

- Learners at the Centre
- The Social nature of learning
- Emotions are integral to learning
- Recognizing individual differences
- Stretching all students
- Assessment for learning
- Building horizontal connections

Case Study of Creative Learning



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"Our mission is to empower, to explore, to encourage, and to excel in education. This happens every day in the SmartLab."

Patricia Dierberger
Principal, Rocky Heights
Middle School

Smartlab Brochure

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Welcome to the real world of 21st century learning



What is a SmartLab?



SmartLabs are 21st century learning labs designed for STEM, digital media arts and other academic topics.



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Frequently Asked Questions

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أسئلة ومناقشة

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