OBJECT CONCEPTION FOR KIDS
– AN UPGRADE OF THREE SERIOUS GAMES

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Content

- Consortium & dev. process
- Conception: context & principle
- Initial set of SGs
- The issue
- SG platform
- Model
- Tests
- Our needs & Take-home messages
Consortium & dev. process

Since 3 years

Well, that would be nice...

Need?

HE-Arc IP & CG group

Let's implement that

Students

What do you think of that?

HEP-Vd
Conception: context & principle

- Imagining
- Planing
- Executing
- Evaluating
Context & Principle

- What is virtual?
- From a virtual conception to concrete object
Initial set of SGs

- Puzzle game
- Follow up points
- Sim. Cube
- Shadow Cube
- Math& cook
From Virtual to concrete
Everyone is happy… or not!

As BJÖRN BERG MARKLUND explained yesterday…!

- Each teacher …
- Each school …
- Each city …
- Each, each, each …
SG platform

- Making a first prototype of SG platform
- Based on previous SGs
SG platform

Sphere game
SG platform

- Construct cube
SG platform

- Stroop game

- YELLOW BLUE ORANGE
- BLACK RED GREEN
- PURPLE YELLOW RED
- ORANGE GREEN BLUE
- BLUE RED PURPLE
- YELLOW RED GREEN
Bridge building
Model

Balancing

- Inhibition
- Flexibility
- Planification
- Attention
- Activated memory

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<th>Unité de mesure</th>
<th>Mesures</th>
<th>Inhibition</th>
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Feedback to users

Planification

Flexibility

Inhibition

Memory

Awareness
Teachers

- Please at the concrete aspect
- Remains afraid of using such tool
- Have some hard time to know how to integrate such tool

- Very interested
- Ask for more tools
- Desire to be involved
Feedback FROM users

Students

- Very motivated with strong concentration
- No issue understanding at any age
- Helping each other strongly
- Ask for more! « can we bring it home? »
Our needs

Basically

- More development & test time
- An industrial partner
Take-home messages

- Pedagogy related SGs is actually tricky to development
- Development pedagogical digital tools is HARD
- Consistent bridge between Virtual conception to concrete object