

Xu Wang

Background:

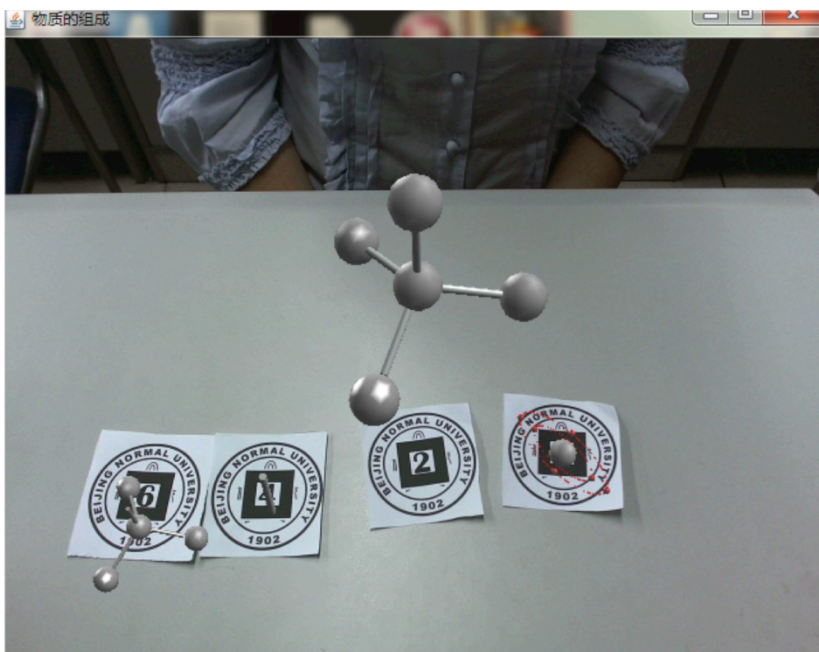
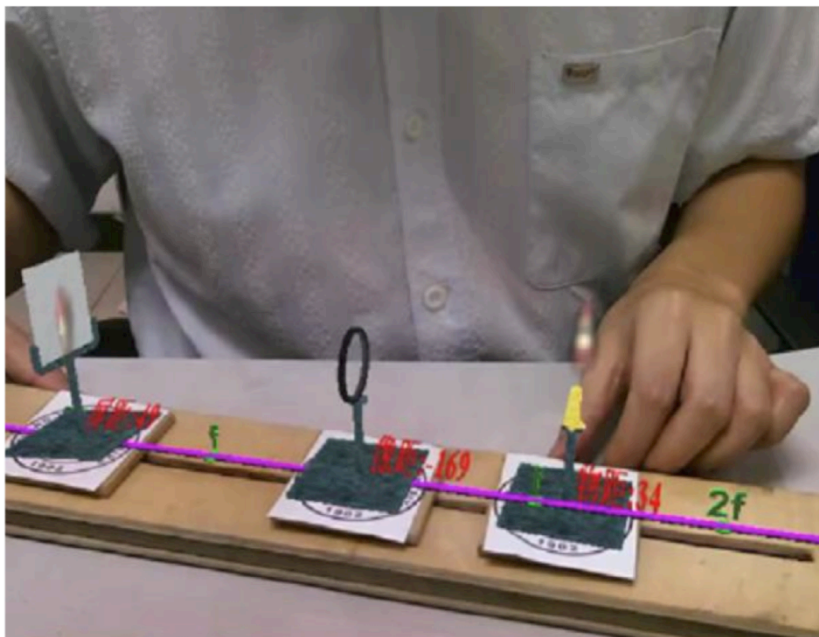
Educational Technology
Mathematics



Now:

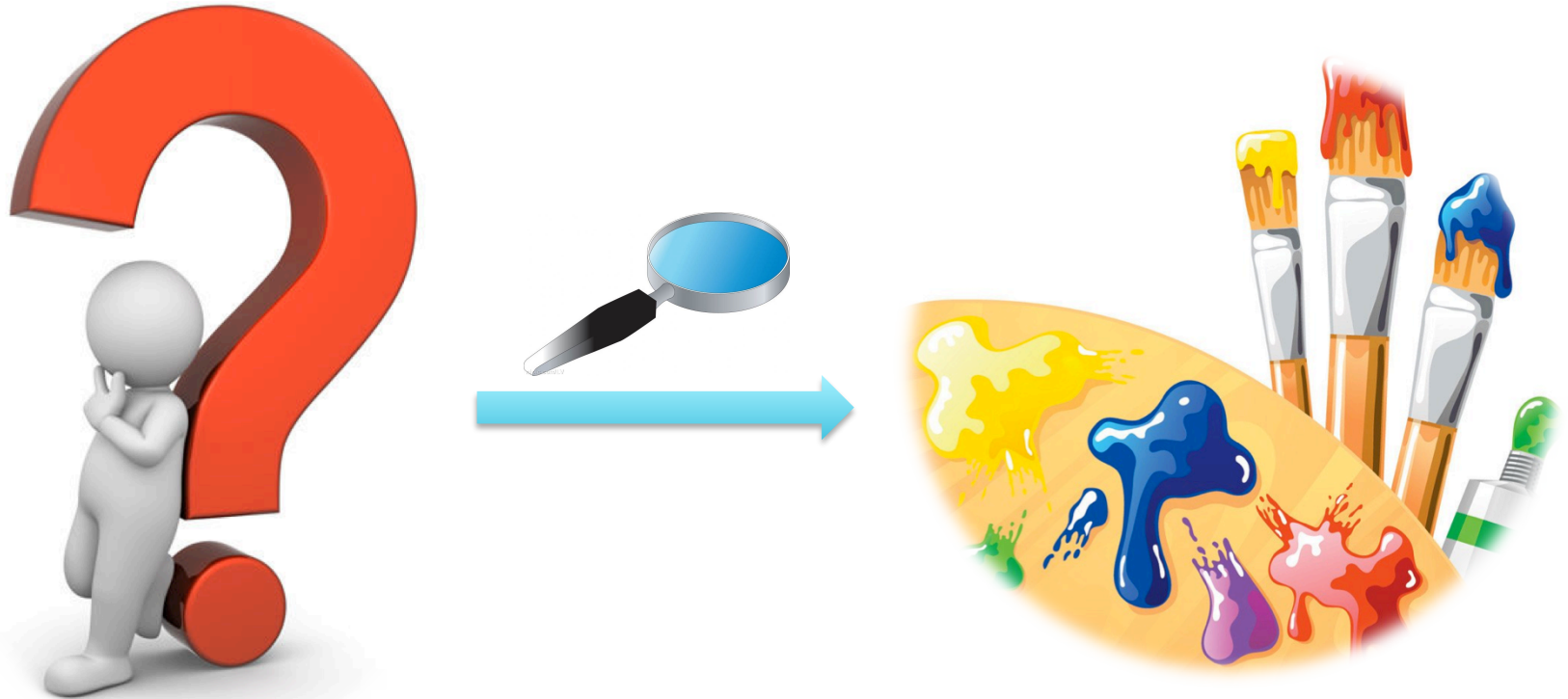
Harvard Graduate School
of Education

Incorporate technologies into learning



iMAP

--Collaborative Ideation Tool for kids



Visualize ideas &
Build connections
in brainstorming

Input

Glass Board

Writing a
word on
the board

e.g.
Football



football

System Computation

Idea cell



Tangible Interaction Tools

Clay-made

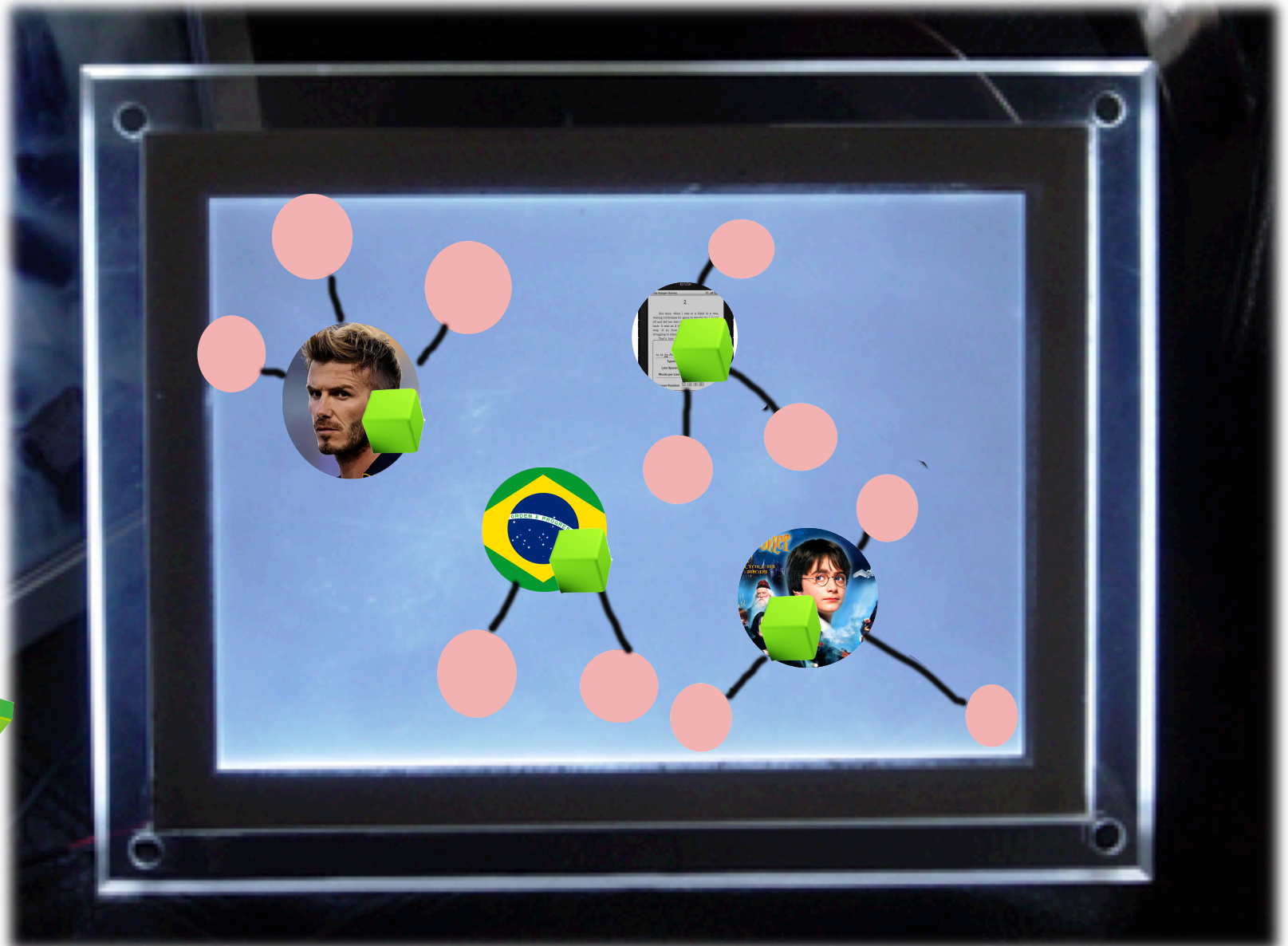
Blocks:
Retain useful
images and
as a new
node.



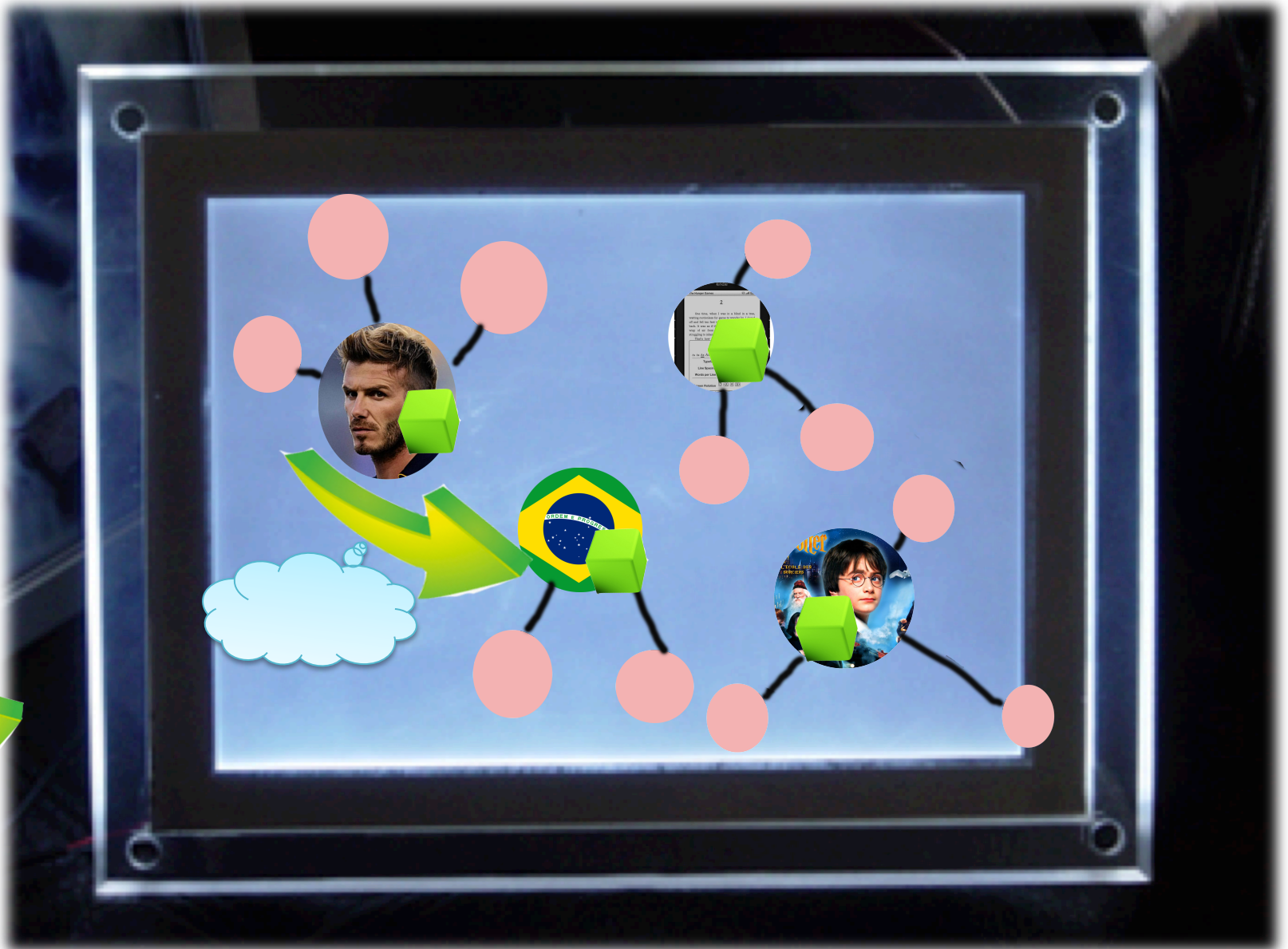
Arrows:
Make
connections



Map Construction



Connection built



Why visualizing?

--Give more freedom

Ideation?

--More and more ideas!

Bits?

--Image maps and connections

Atoms?

--Input handwriting, blocks
and arrows