

INSPIRE INNOVATION BY FOSTERING COLLABORATION AND CREATIVITY



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WHAT IS CULTURE?



“Innovation
is the outcome
of a habit,
not a random
act.”

SUKANT RATNAKAR

The Iceberg Illusion

Success
is an
iceberg



SUCCESS!

WHAT PEOPLE
SEE

Persistence



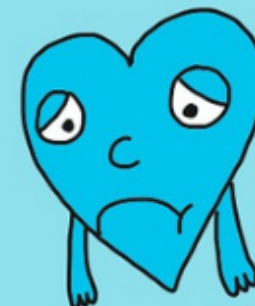
Failure



Sacrifice



Disappointment



WHAT PEOPLE
DON'T SEE

Dedication



Hard work

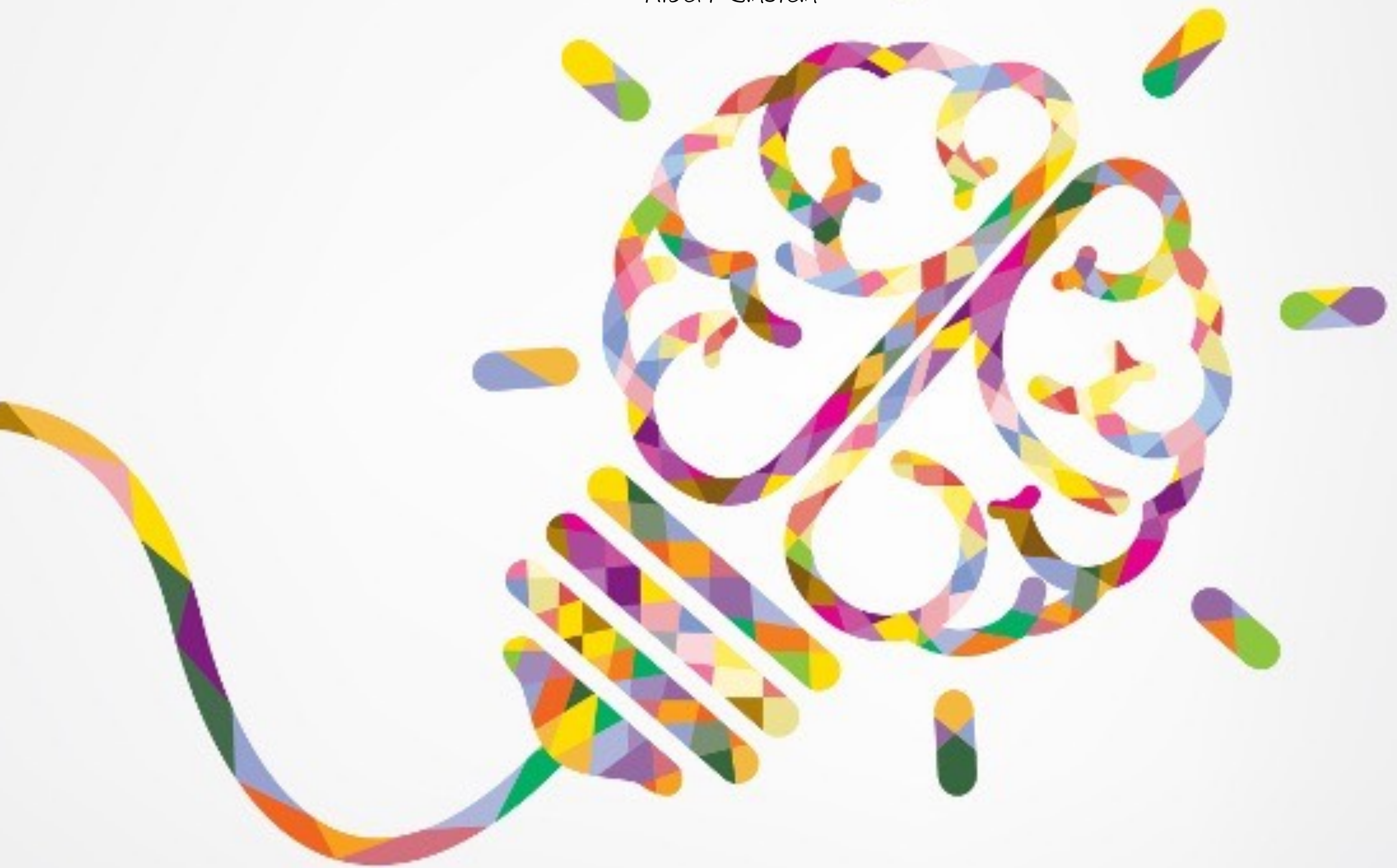


Discipline



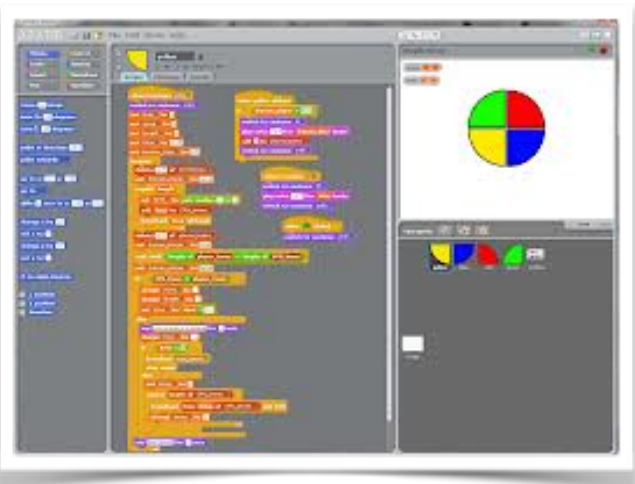
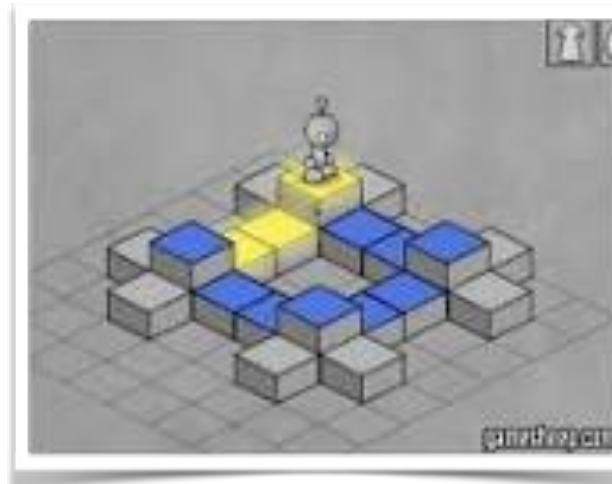
@sylvia duckworth

You cannot solve a problem with the same mind that created it.
– Albert Einstein



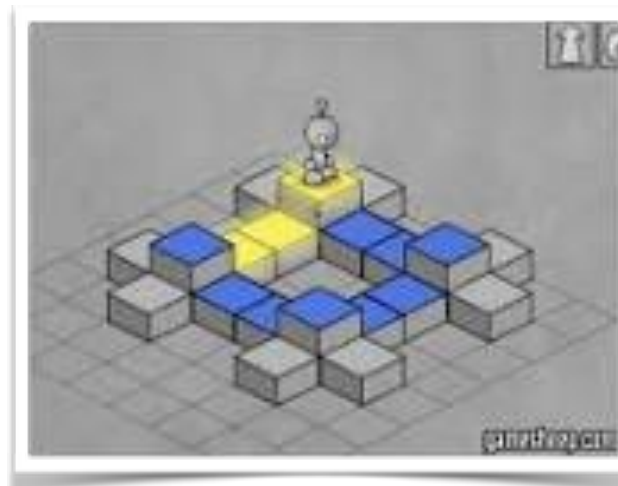
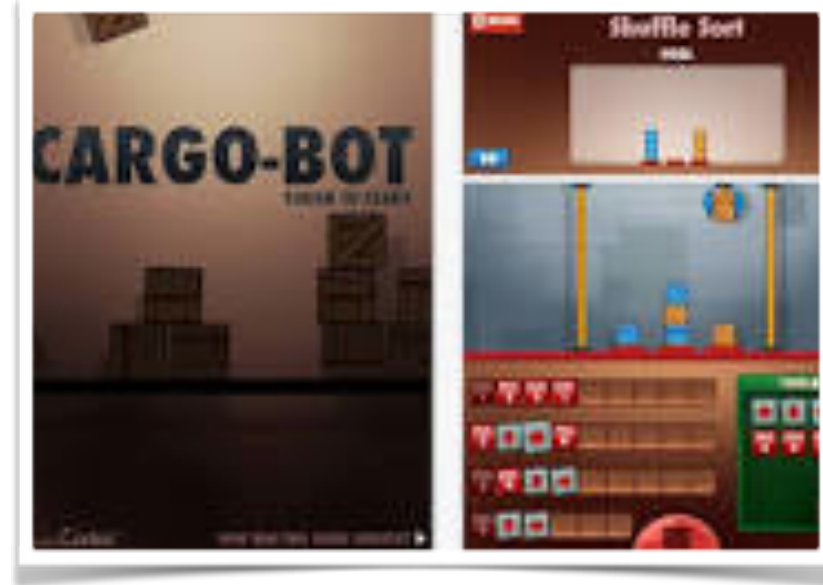
Coding In Schools

- **code.org**
- **Cargo-Bot**
- **Kodable**
- **LightBot**
- **Daisy the Dinosaur**
- **Scratch**
- **Tynker**



Coding In Schools

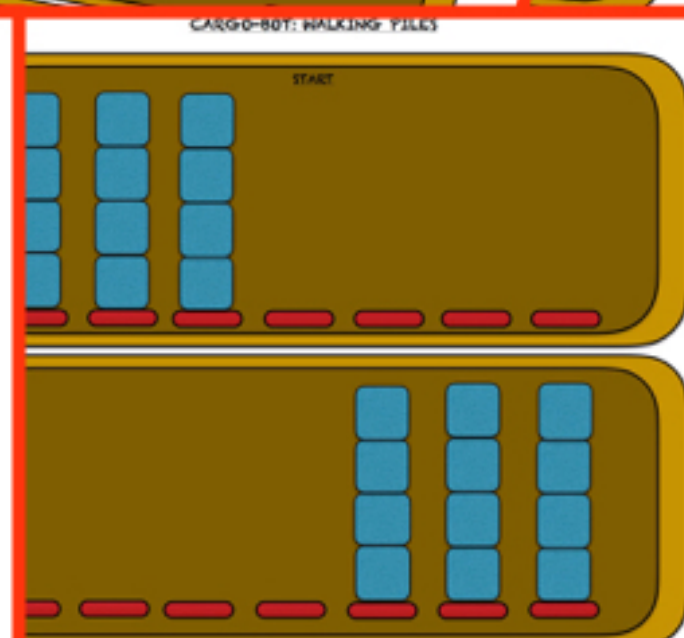
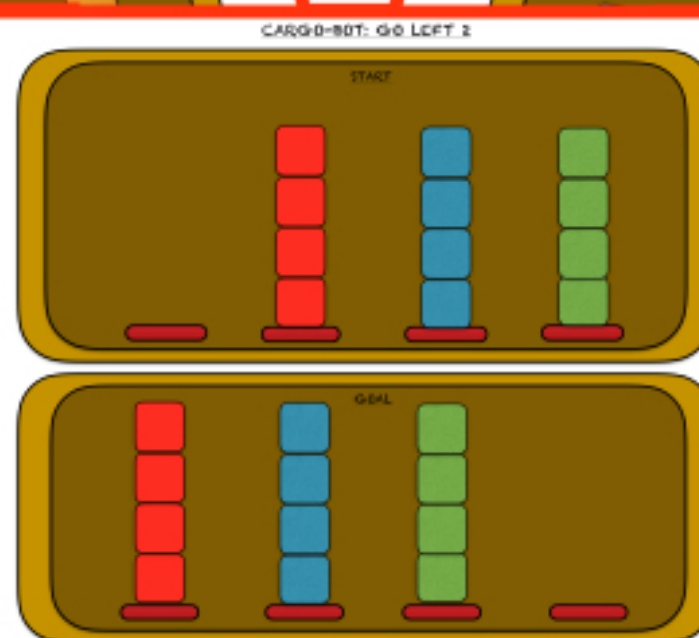
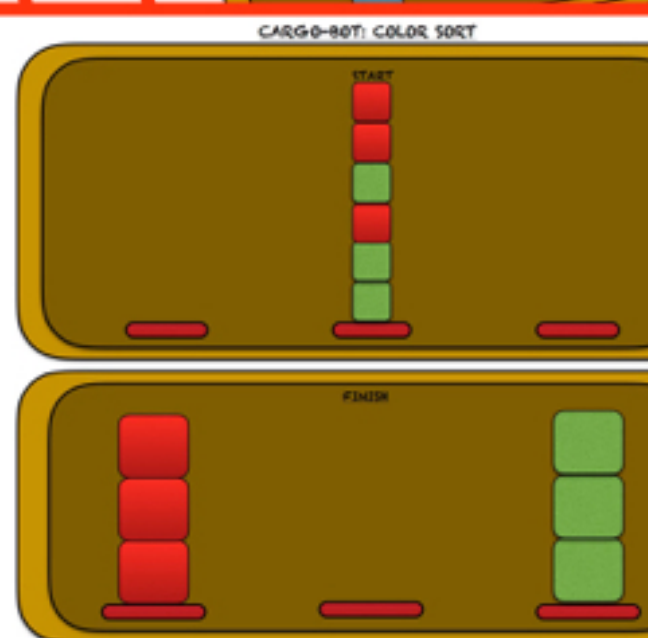
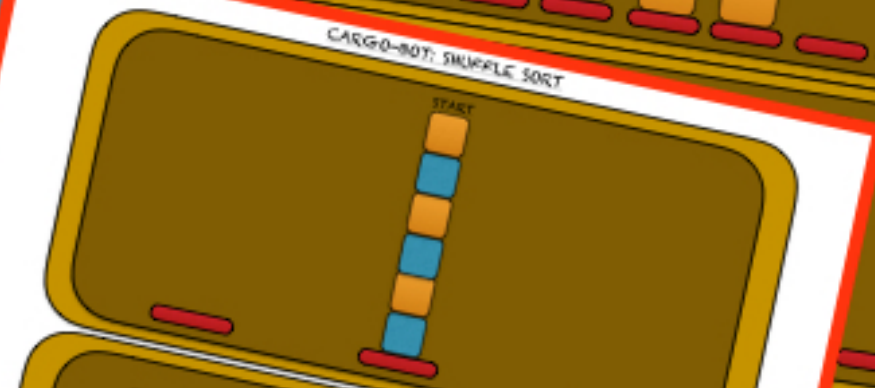
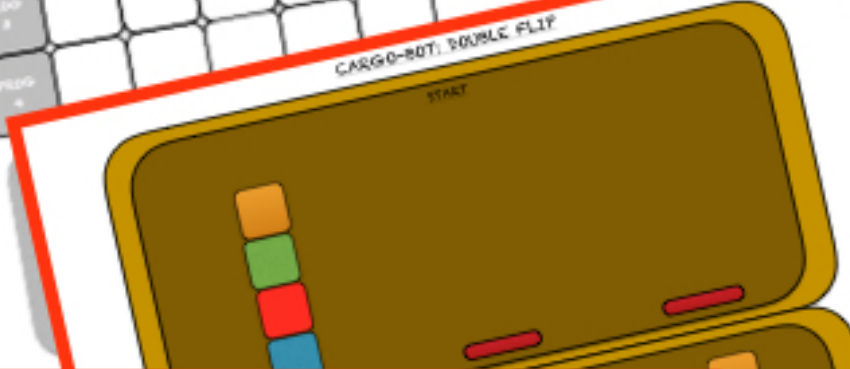
- **Code Academy**
- **Hopscotch**
- **The Foos**
- **Google CS First Clubs (3rd-HS)**
- **Code Monster**
- **Blockly**
- **Mystery Island**



CARGO-BOT WITHOUT AN IPAD

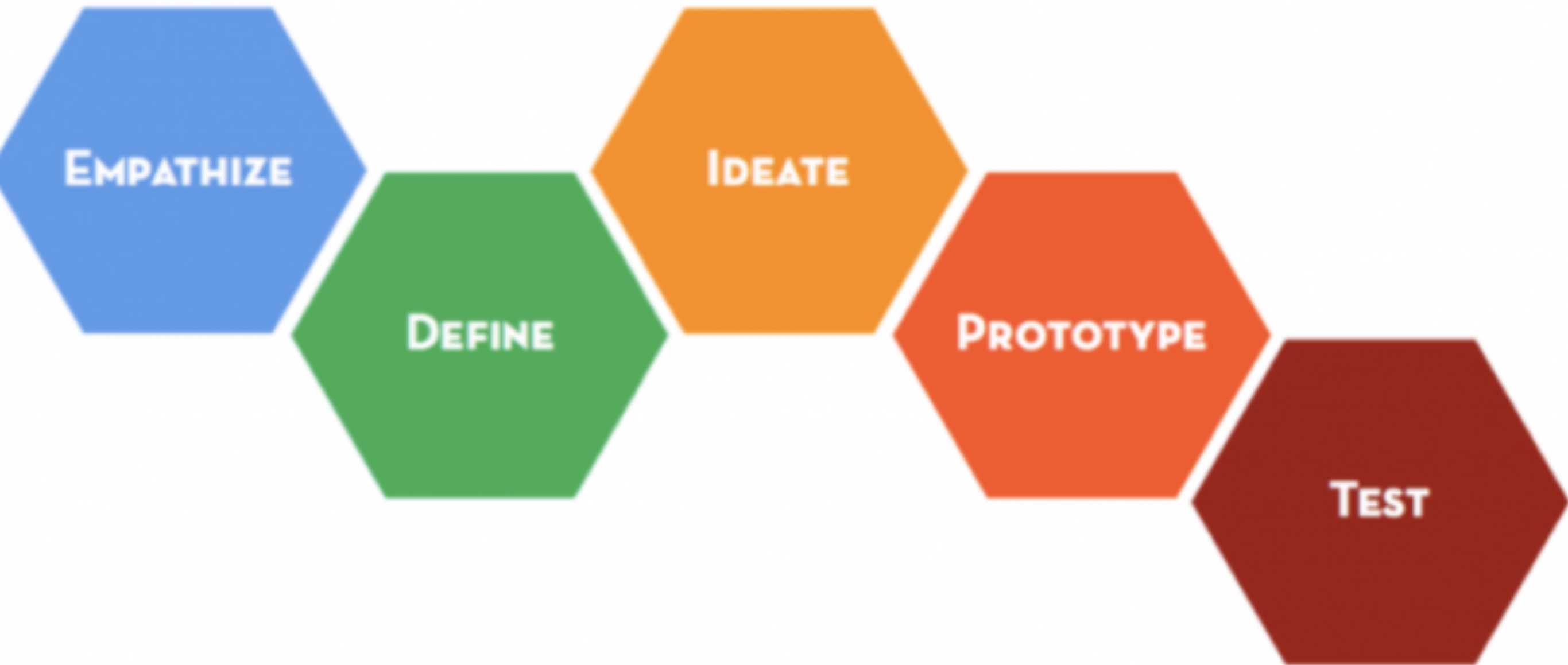
ALL 6 EASY LEVELS AND SOLUTION TEMPLATE!

CARGO-BOT: LEVEL EASY PACKET 1



DESIGN THINKING

A high-angle photograph of two children sitting at a dark table, working on a floor plan project. The child on the right, wearing a yellow hoodie, is pointing at a drawing on a piece of paper. The child on the left, wearing a dark hoodie, is holding a red pencil and drawing on a larger sheet of paper. Several sheets of paper are scattered on the table, including one with the word 'floors' in a stylized font and another with a floor plan diagram. A wooden ruler is visible in the bottom left corner, and several colored pencils are lying on the table near the top right.



BLOXELS™

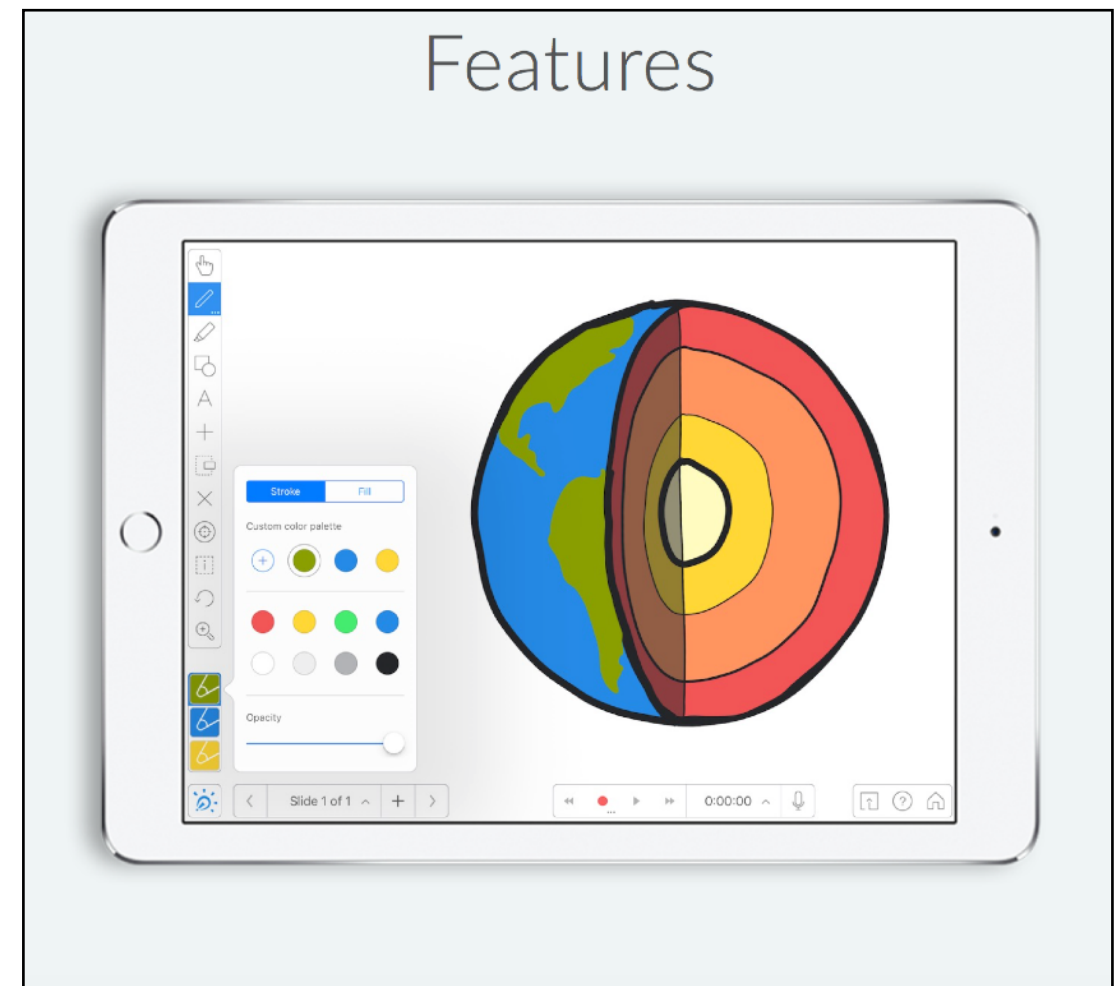
Gain greater understanding of important topics like design logic, and computer science and demonstrate their knowledge of history, science and mathematics and more through the games they create.



BLOXELS™

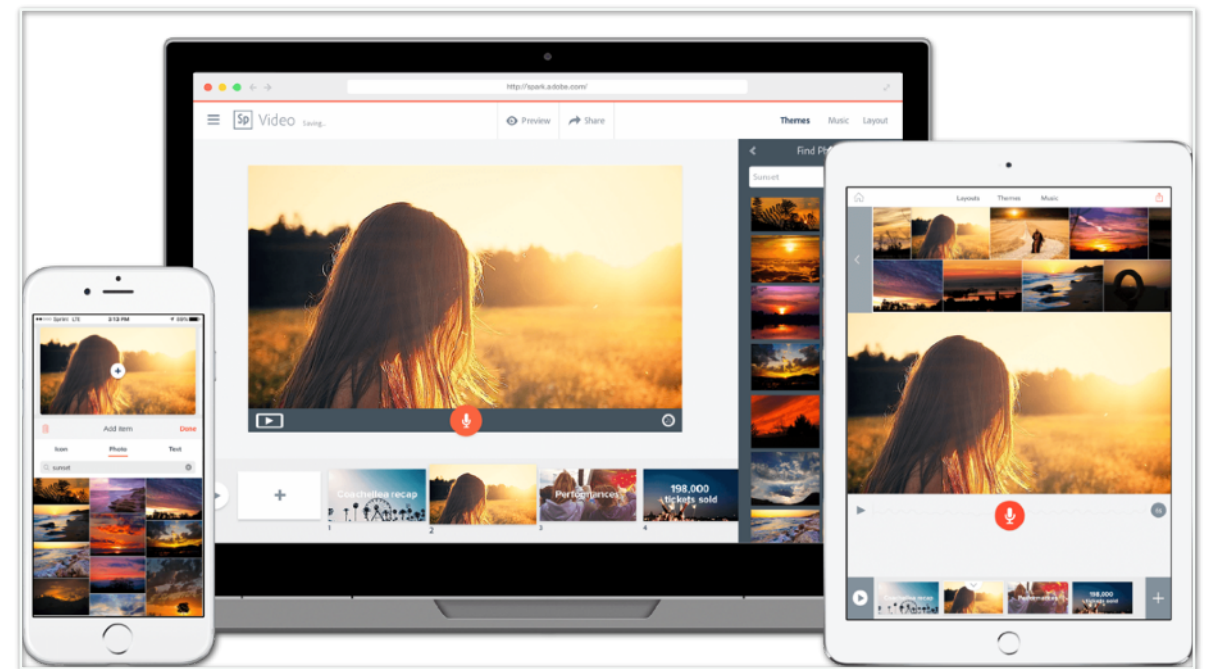
Explain Everything

- easy-to-use design
- interactive whiteboard tool with real-time collaboration
- animate, record, annotate, collaborate, and explore ideas, knowledge and understanding.



Adobe Spark

- "the only integrated web and mobile solution for creating and sharing impactful visual stories."
- Adobe Spark empowers anyone – to create stunning visual content that engages audiences across multiple channels and looks great on any device.

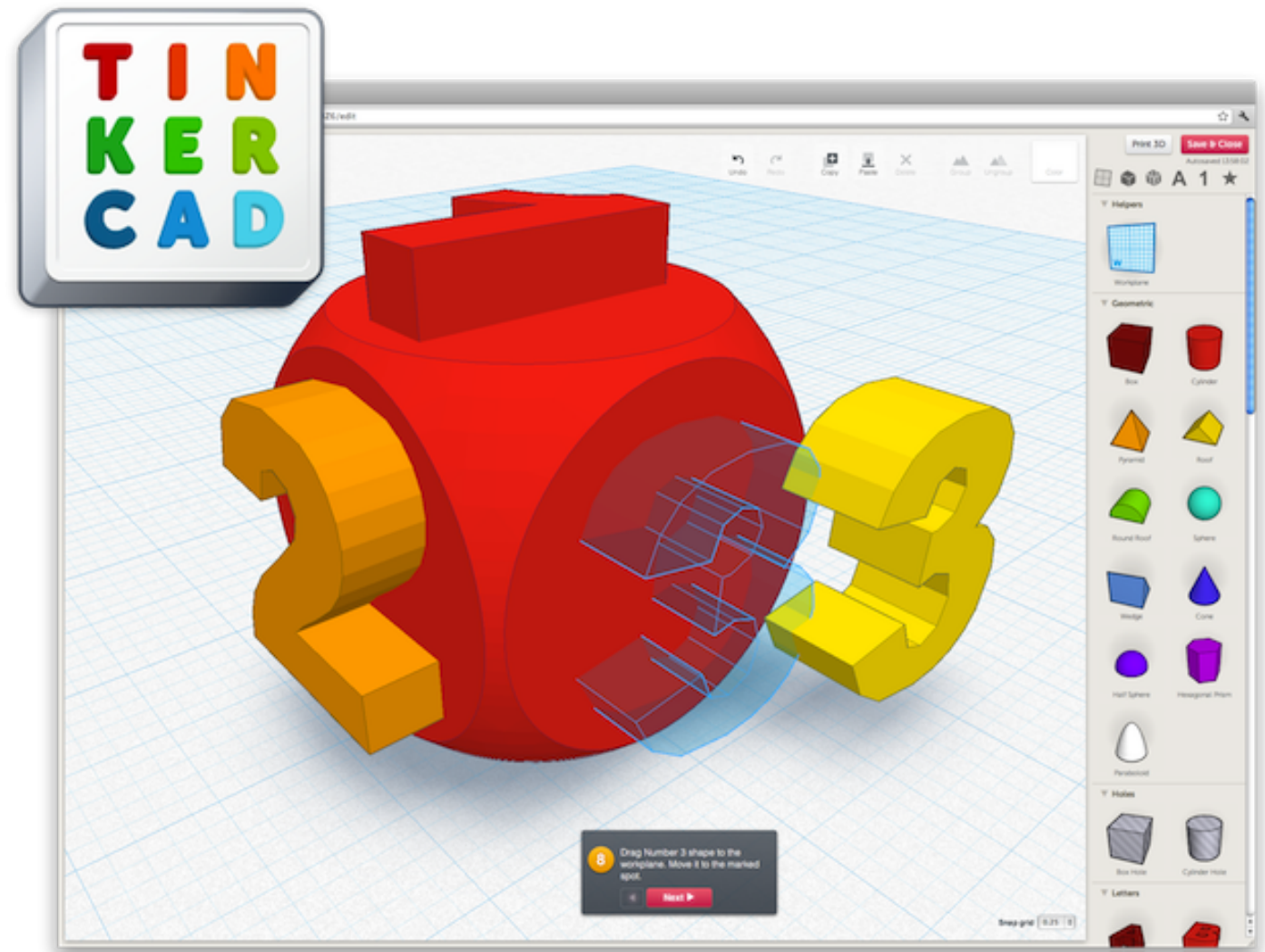


- **Adobe Spark web app:** a browser-based web experience for creating social posts and graphics, web stories and animated videos.
- **Spark Post:** an iOS mobile app that enables anyone to create stunning social posts and graphics in seconds. (previously Adobe Post)
- **Spark Page:** an iOS mobile app that helps users create beautiful web stories. (previously Adobe Slate)
- **Spark Video:** an iOS mobile app that enables users to create compelling animated videos in minutes. (previously Adobe Voice)



Tinkercad

- 3D Model creation platform
- Export for 3D printing, Minecraft, or upload to Thingiverse
- Great interactive lessons to teach basics of 3D modeling
- FREE





PROJECT IGNITE

Teach hands-on projects integrated with Tinkercad and Circuits, the Web's most popular, easy-to-use online apps for makers.



Free Software

Learn 3D design with Tinkercad, explore electronics with 123D Circuits. Easy-to-use apps help students master the basics.



Learning hardware

Take the guesswork out of finding the right products for your classroom from the most trusted names in 3D printing and electronics.



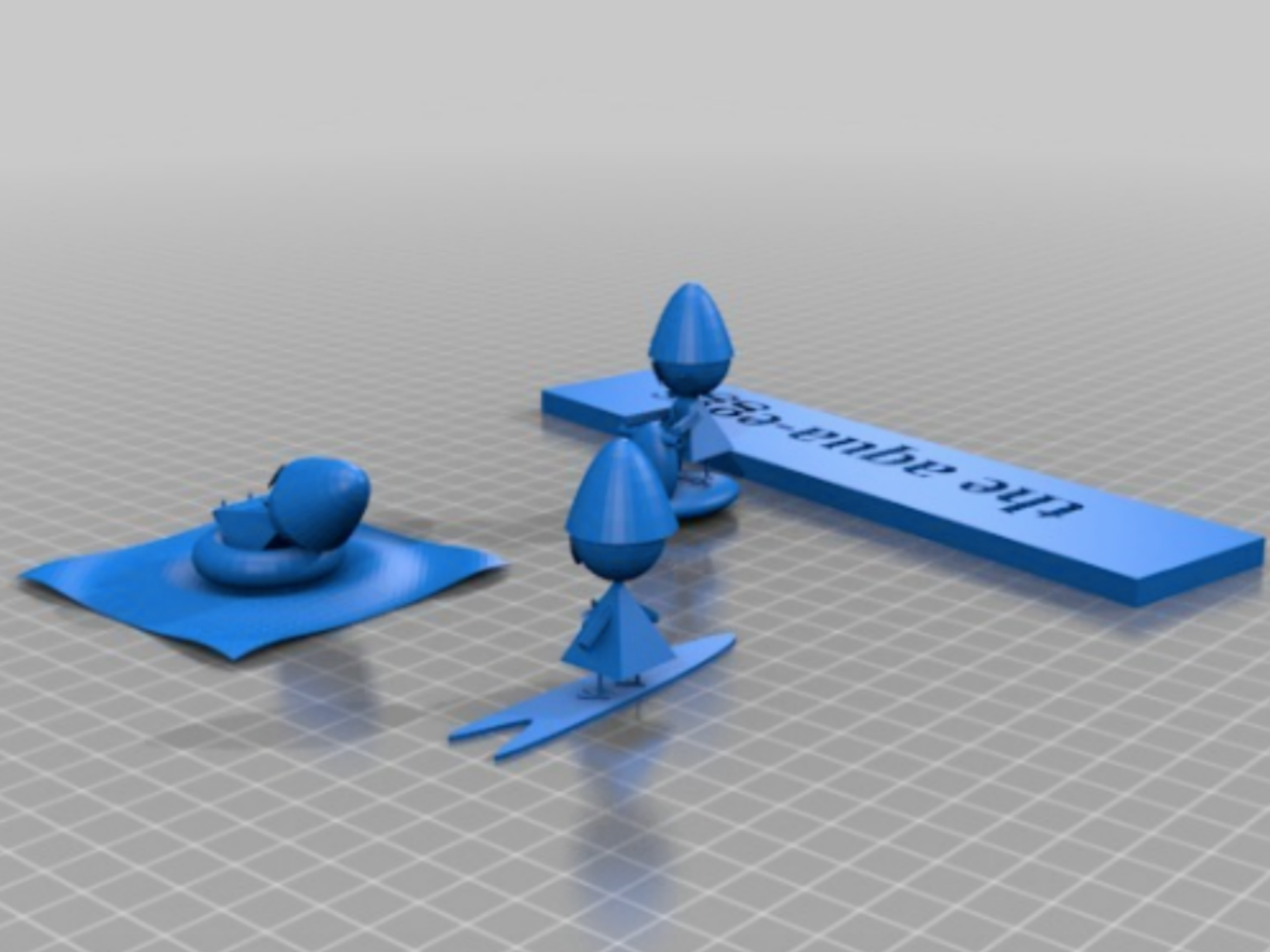
Lessons and projects

Build engagement with hands-on lessons that encourage students to design, test, and solve problems differently.



Support for schools

Project Ignite helps schools get started right and stay on track with classroom setup, training, and ongoing support.



GRAVITY SKETCH

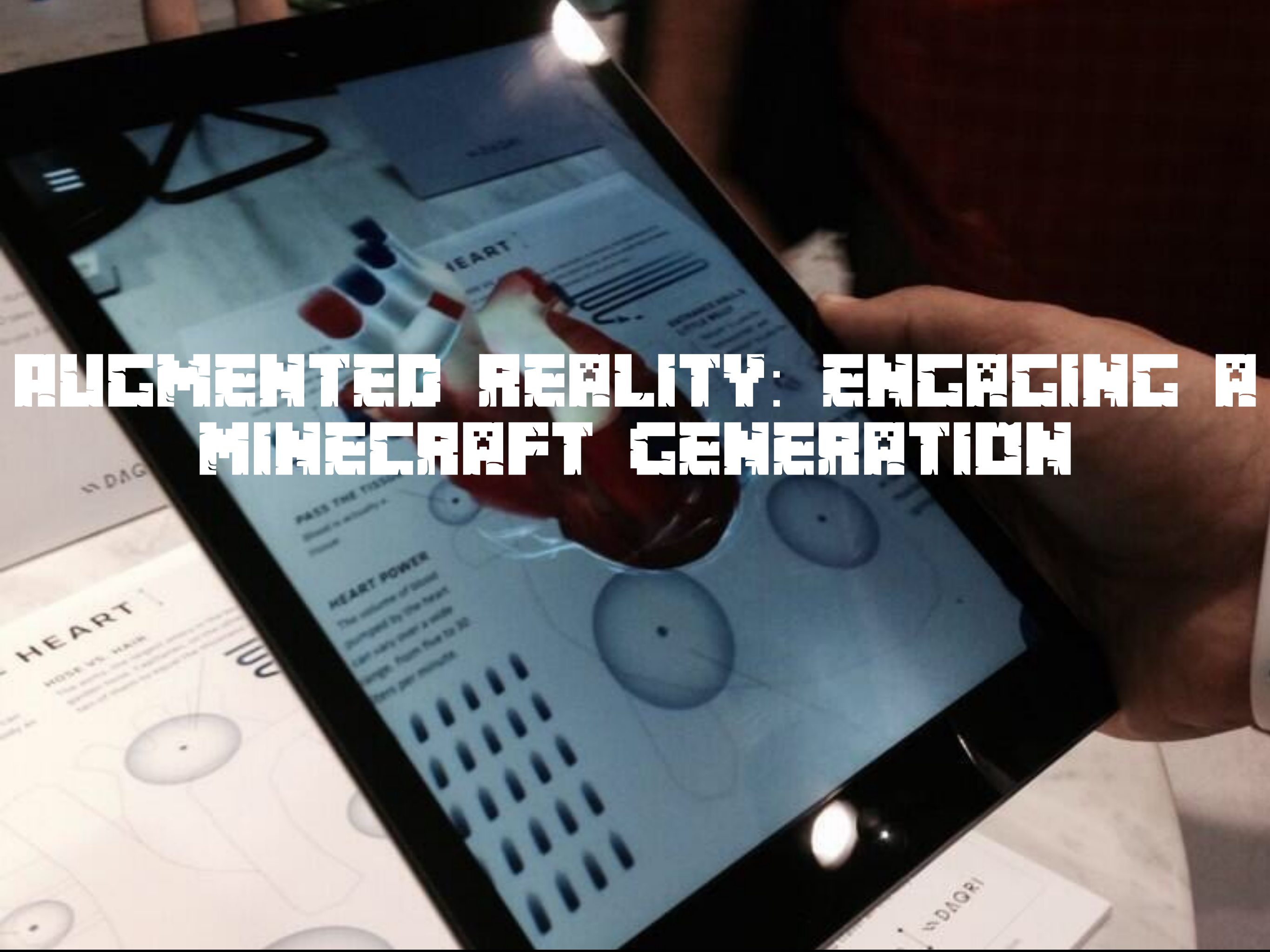






STRUCTURE SENSOR

AUGMENTED REALITY: ENCAPSINING A MINECRAFT GENERATION



WHY WILL THE SAME KID
SIT AND PLAY
MINECRAFT FOR HOURS,
BUT HAVE TROUBLE
BEING ENGAGED FOR A
LESSON IN CLASS?

CREATES MIND
BLOWING
ENGAGEMENT!



What are your favorite apps and tools?



“Do not let what you cannot do interfere
with what you can do. Failure is not fatal,
but failure to change might be.”

—JOHN WOODEN



Thank you and Stay connected!



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