Making an Impact

Advancing 21st Century Skills in School Makerspaces

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Roanoke County Schools
It is the supreme art of the teacher to awaken joy in creative expression and knowledge. – Albert Einstein
MAKESPACE
Audience Participation
Some learners struggle with traditional teaching approaches.
If a child cannot learn in the way we teach, we must teach in a way the child can learn.

– Dr. Ivar Lovaas
Co-Taught Classroom
“The best way to start is simply to start.”

-Emily Pilloton

Educator & Designer
Pirate Hats

ARRRRR!
Hack-O-Lanterns
Servo
Power
Sound
Buzzer
Bar graph
“My point is a simple one: Your expectations can be a bigger obstacle to success than your students’ disabilities.”

-John Franklin Stephens
Special Olympics Athlete & Global Messenger
Leaders in their own homerooms
Summer Camp
Student leaders in the making...
creativity
collaboration
critical thinking
communication
Electricity
Electricity and Music
Magnets, Money, and Cardinal Directions
Exploring Motion
Exploring Motion
Coding
Minecraft Hour of Code

Use blocks of code to take Steve or Alex on an adventure through this Minecraft world.

Ages 6+ | Modern browsers, smartphones, tablets
630,870 participants

http://code.com/mc

Star Wars: Building a Galaxy with Code

Learn to program droids, and create your own Star Wars game in a galaxy far, far away.

Ages 4-104 | Modern browsers, smartphones, tablets
455,554 participants

Teacher's Notes
http://hourofcode.com/sw
Exploring Sound
Exploring Sound
Starting Your Own Makerspace
Let’s Talk About Stuff
It’s **NOT** About the Stuff
Understand your learners.
Assess existing curricula, programs, and offerings.
Consider global trends and best practices.
Download Presentation and Learn more:
www.learningcollaboratory.com

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