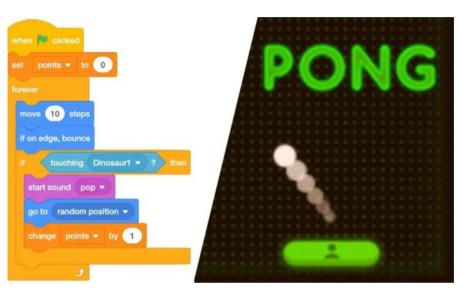# KID CODERS

Want to recreate one of the oldest video games in history? An easy-to-follow introduction to the fundamentals of coding! Inside the beginner-friendly Scratch coding language, we'll be exploring the basics of several coding concepts, learning simple logic design, and having some fun!

WHAT WE'LL BE USING:

- Windows 10 Laptops
- Scratch Coding Language/ Development Environment

About Scratch:

"Scratch is the world's largest coding community for children and a coding language with a simple visual interface that allows young people to create digital stories, games, and animations. Scratch is designed, developed, and moderated by the Scratch Foundation, a nonprofit organization.
Scratch promotes computational thinking and problem solving skills; creative teaching and learning; self-expression and collaboration; and equity in computing. Scratch is always free and is available in more than 70 languages."
--https://scratch.mit.edu/about

Subjects:

- Design
- Experimentation

Standards:

- 1-PS4-4
- 3-PS2-2

nextgenscience.org

Maker Capacities:

- Revisit
- Use categories
- Prototype and test

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Key Terms

- Logic
- Coordinates
- Variables
- Loops