

Lesson 4

Featured Projects

1. savage wyatt - week 3 assessment
2. pikathunder - week 3 assessment

Objectives

1. Pencil Code: Functions
2. Engineering Design Process

Agenda

1. Featured Projects
2. New Material : Functions
3. Activity 1 : Cards
4. Project Sharing
5. Innovations
6. Assessment

Functions

Programming Design Process

1. Selected an idea we want to create.
2. Write code to make the idea come to life.
3. Press “play” and see what happens.
 - If it works, you’re done!
 - If not go to step 4
4. Ask ourselves what went wrong?
5. Based on answer
 - a) Check all the details in the code
 - b) Add all missing directions
 - c) Ask for help
6. Repeat steps 2-5 until the program works
7. Celebrate