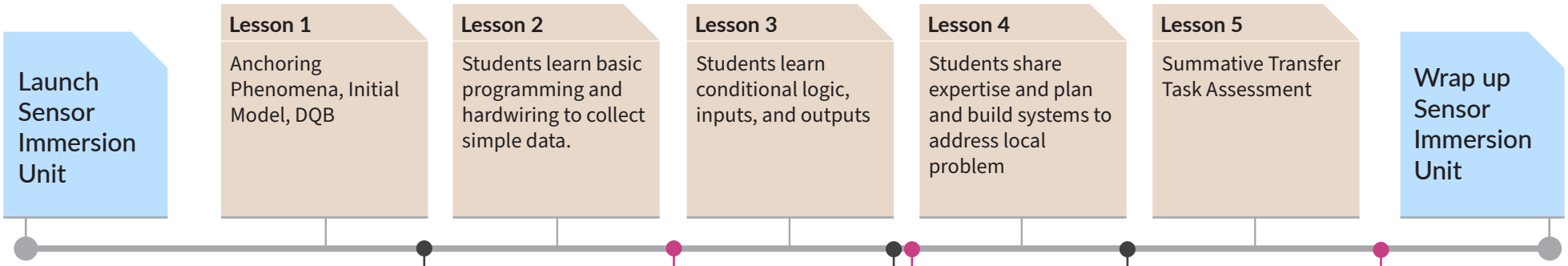
Implementing Sensor Immersion with Career Connections



Intro to Career Connections

- Introduce STEM learning goal:
  - What is STEM, and what are examples of STEM Careers?
- STEM Career Card Sort activity
- Introduce STEM Career Wall activity

Sequencing:
Prior to Sensor Immersion unit launch

Sensors in Our World

Youth brainstorm real-world applications of sensors and programming.

Sequencing:
After Lesson 1, warm up for Lesson 2.

Sensors in Our World

Students revisit their sensors brainstorming.

Sequencing:
After Lesson 3

Design Thinking Activity

Youth apply the engineering design process to a local problem using sensors.

Sequencing:
After Lesson 4

STEM Career Wall

Students revisit the STEM career wall and discuss careers and skills related to sensors and programming.

Sequencing: After Lessons 2, 3, and 5

Synthesizing Career Connections

- Revisit STEM learning goal:
  - What is STEM, and what are examples of STEM Careers?
- STEM Career Wall wrap-up + My Career Profile (mynextmove.org)
- Create class consensus definition:
  - What is STEM?
  - What is a STEM career?

Sequencing:
Following/integrated with unit wrap up

STEM Mentors integrated when available, according to a format that works best. (Mentor Typology Tool)