K.PS2.A: Forces and Motion
Pushes and pulls can have different strengths and directions. (K-PS2-1), (K-PS2-2)

K.PS2.B: Types of Interactions
When objects touch or collide, they push on one another and can change motion. (K-PS2-1)

K.PS3.C: Relationship Between Energy and Forces
A bigger push or pull makes things speed up or slow down more quickly. (K-PS2-1)

K.ETS1.A: Defining and Delimiting Engineering Problems
A situation that people want to change or create can be approached as a problem to be solved through engineering. Such problems may have many acceptable solutions. (K-PS2-2)

Analyzing and Interpreting Data
Analyzing data in K–2 builds on prior experiences and progresses to collecting, recording, and sharing observations.

Analyze data from tests of an object or tool to determine if it works as intended. (K-PS2-2)