

2nd Grade Balance and Motion Unit

Benchmarks

Chapter 4: The Physical Setting

Motion

4F(K-2)#1: Things move in many different ways, such as straight, zigzag, round and round, back and forth, and fast and slow.

4F(K-2)#2: The way to change how something is moving is to give it a push or a pull.

Forces of Nature

4G(K-2)#1: Things near the earth fall to the ground unless something holds them up.

Chapter 11: Common Themes

Systems

11A(K-2)#1: Most things are made of parts.

11A(K-2)#2: Something may not work if some of its parts are missing.

11A(K-2)#3: When parts are put together, they can do things that they couldn't do by themselves.

Models

11B(K-2)#1: Many of the toys children play with are like real things only in some ways. They are not the same size, are missing many details, or are not able to do all of the same things.

11B(K-2)#2: A model of something is different from the real thing but can be used to learn something about the real thing.

11B(K-2)#3: One way to describe something is to say how it is like something else.

Chapter 12: Habits of Mind

Manipulation and Observation

12C(0-2) #3: Make something out of paper, cardboard, wood, plastic, metal, or existing objects that can actually be used to perform a task.

Communication Skills

12D(K-2)#2: Draw pictures that correctly portray at least some features of the thing being described.