

2nd Grade Astronomy Unit

Benchmarks

Chapter 1: The Nature of Science

Scientific Inquiry

1B(K-2)#2: Tools such as thermometers, magnifiers, rulers, or balances often give more information about things than can be obtained by just observing things without their help.

1B(K-2)#3: Describing things as accurately as possible is important in science because it enables people to compare their observations with those of others.

Chapter 4: The Physical Setting

The Universe

4A(K-2)#1: There are more stars in the sky than anyone can easily count, but they are not scattered evenly, and they are not all the same in brightness or color.

4A(K-2)#2: The sun can be seen only in the daytime, but the moon can be seen sometimes at night and sometimes during the day. The sun, moon, and stars all appear to move slowly across the sky.

4A(K-2)#3: The moon looks a little different every day, but looks the same again about every four weeks.

Chapter 11: Common Themes

Models

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.

Constancy and Change

11C(K-2)#1: Things change in same ways and stay the same in some ways.

Chapter 12: Habits of Mind

Computation and Estimation

12B(K-2)#1: Use **whole numbers** and simple, everyday fractions **in** ordering, counting, identifying, **measuring, and describing things and experiences.**

Chapter titles and headers correlate with *Benchmarks for Science Literacy* by Project 2061.