

Consolidated Unit Benchmarks Coded by Report Card Descriptor

2nd Grade Astronomy Unit

Descriptor: Understands science concepts

- Knows that 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.
- Knows that the moon looks a little different every day, but looks the same again about every four weeks.
- Knows that 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.
- Recognizes that tools such as rulers often give more information about things than can be obtained by just observing things without their help.
- Understands that things change in some ways and stay the same in some ways.
- Knows that a model of something is different from the real thing but can be used to learn something about the real thing.
- Understands that describing things as accurately as possible is important in science because it enables people to compare their observations with those of others.

Descriptor: Effectively uses science process skills

- Maintains a moon journal
- Draws pictures that correctly portray at least some features of the thing being described.
- Makes written observations about the moon/sky that are reasonably accurate and detailed.
- Uses whole numbers for measuring and describing things and experiences.

Descriptor: Actively contributes to one's own learning and the learning community during science

- Willing to share ideas with classmates and consider ideas suggested by others.
- Asks for help when needed and willing to give help to classmates.
- Shares and takes turn in teams.
- Listens when others talk.
- Refrains from putting-down classmates.
- Works collaboratively and responsibly with team members.