



Cabot Public Schools

2019-2020

Alternative Methods of Instruction

Name: _____ Date: _____

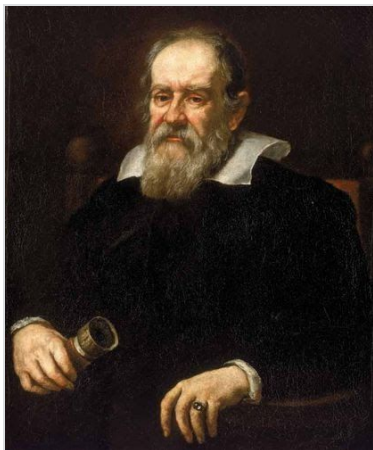
3rd Grade AMI Work #9

Your child will have 5 days to complete and return this to his/her teacher to get credit for the day. If you need more time, please let the teacher know.

THEME: Outer Space

Exploring Space with Telescopes

People have been interested in studying space since ancient times. It was possible to see only some stars and planets with the naked eye. Since they were far, far away, it was impossible to see anything in very much detail.



In 1609, an astronomer named Galileo [ga-li-laeoe] created a telescope that he used to observe the night sky. Galileo's telescope made things appear three times larger. Using his telescope, he discovered four of the many moons that orbit the planet Jupiter. He also observed the planet Saturn and the Milky Way.

Since Galileo's time, scientists have created more and more powerful telescopes. Some telescopes are housed in large observatories on Earth. Often, these observatories are on the top of mountains, far away from any cities or lights. This allows astronomers to clearly see the stars and planets.

Building an observatory on top of a mountain helps to get a better view of the sky. Other telescopes are launched into space using rockets. They travel far above Earth and have a better view of the universe than telescopes on Earth. One of these telescopes is the Hubble Telescope. It was launched in 1990 by NASA, the American group of scientists who study outer space. The Hubble Telescope is still in space today, orbiting Earth. Since its launch, it has sent back thousands of photos to NASA. Hubble's photos have led to many new discoveries about the universe. For example, using photos from Hubble, scientists now think that the universe is about 13 to 14 billion years old! © 2016 ReadWorks®, Inc. All rights reserved.

Complete the following table using the passage above.

Main Idea:		
Supporting Detail:	Supporting Detail:	Supporting Detail:

MATH: Solve the word problems below.

1. Tickets to the planetarium cost \$6 for children and \$9 for adults. Francine's mom bought a ticket for herself, Francine, and her little sister. How much money did she spend on the tickets? Tell how you solved it.
2. Francine's mom wanted to arrive at the planetarium 20 minutes before the exhibit opened. If the exhibit opened at 2:20, what time should they arrive? Tell how you solved it.
3. Dylan made 3 baskets in his first basketball game. In his second game, he made twice as many. If each basket was worth 2 points, how many points did Dylan score for his team in the first 2 games? Justify your answer.
4. The Andersons are having a big family reunion and barbeque. 3 families were asked to bring hot dog rolls. Marcy's family brought 5 packages of hot dog rolls. Kyle's family brought 4 packages, and Andrew's family brought 2 packages. Each package has 8 rolls in it. How many hot dog rolls will the Andersons have for the family reunion? Tell how you solved it.

Activity:

Today is library. Find somewhere comfortable and curl up with your favorite book. We would like you to read for 20 mins. That is your goal.