

Name _____

Date _____

Telescopes!

Fill in the blanks below.

.....

Telescopes are devices that let people see things that are far away. People at sea also use _____. Telescopes are most commonly used to look at _____. The inventor of the telescopes was _____. He invented the telescope with eyeglass parts. Telescopes work using _____. Light is everywhere! The telescope has two _____. They are called _____ and convex lenses. These mirrors help produce the image. When the light hits these mirrors (light comes from what you are looking at) it _____ or bends the light into your eyes producing the _____ or close-up image! This is the amazing science of how telescopes can let you see into far-off space.

Space telescopes are even more powerful than the telescopes we can buy. They have large _____, sensors, and other _____ that enables them to see far out into space.



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Answer Key

Use this page to check answers.

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Telescopes are devices that let people see things that are far away. People at sea also use **telescopes**. Telescopes are most commonly used to look at **space**. The inventor of the telescopes was **Galileo Galilei**. He invented the telescope with eyeglass parts. Telescopes work using **light**. Light is everywhere! The telescope has two **mirrors**. They are called **concave** and convex lenses. These mirrors help produce the image. When the light hits these mirrors (light comes from what you are looking at) it **refracts** or bends the light into your eyes producing the **magnified** or close-up image! This is the amazing science of how telescopes can let you see into far-off space.

Space telescopes are even more powerful than the telescopes we can buy. They have large **mirrors**, sensors, and other **technology** that enables them to see far out into space.



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