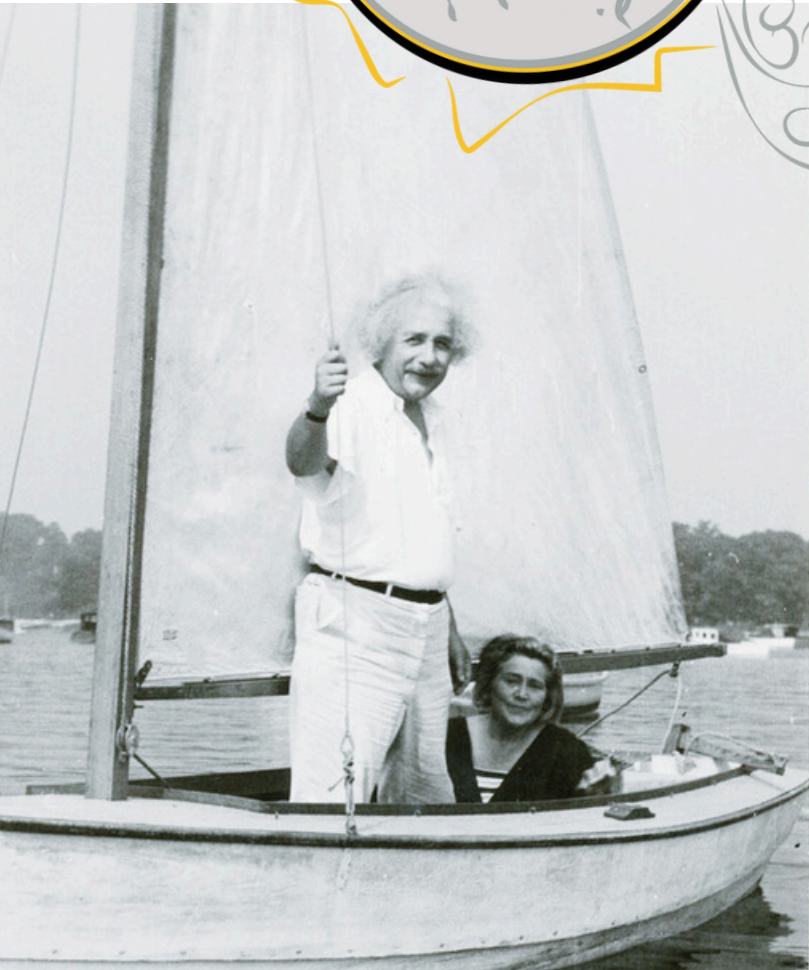
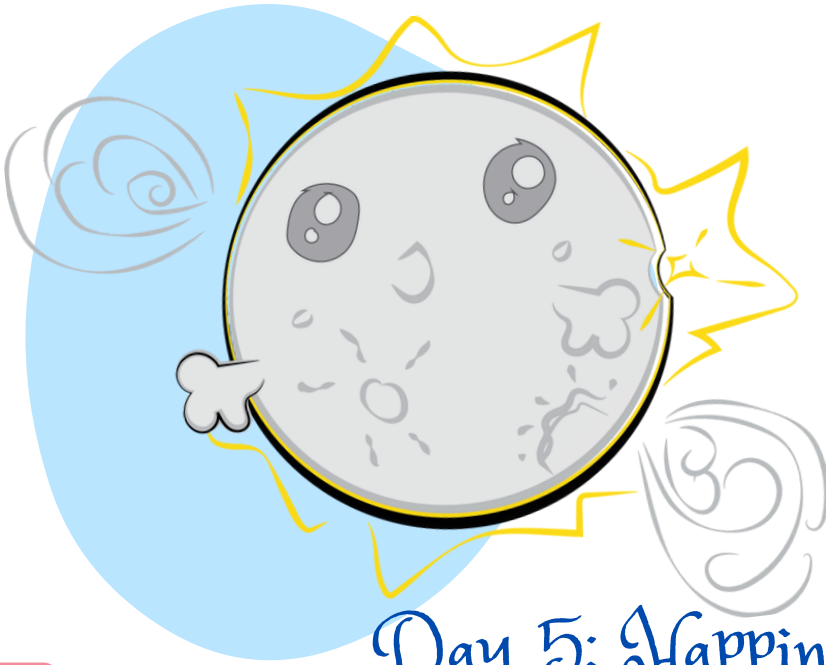


Day 5: Happiness!





## Day 5: Happiness!

Interactive Story Ideas!



### Background scene:

Play this video in the background on a big screen, smart board, or laptop with the volume muted and subtitles turned off.

Einstein's Life in America Shown in Stunning Home Movies  
([https://www.youtube.com/watch?v=LOTIx\\_UK08I](https://www.youtube.com/watch?v=LOTIx_UK08I))



### Storytelling Role-Play: 1-5 sand dollars each

(2 Students to help cut out props and 6 students to role play)

Choose 4 boy volunteers and 4 girl volunteers to be Einstein, Addington, stars, the eclipse, the Nobel Prize announcer and the monkeys in Principe. The rest of the class can join as the adoring crowd in Japan. Tell students to listen for their parts.



### New word: 1-5 sand dollars

**Eclipse:** An eclipse happens when the moon comes between the earth and the Sun covering up the Sun. The sky goes dark for a few minutes during the day.

\*Remind the students that they can earn a sand dollar if they tell you some time during the day what the new word means. If they get it wrong, remind them of the definition and have them try again in a few minutes.

## Day 5 Albert Einstein: Happiness!

If the shape of space really is curved, then stars would look like they shift slightly out of place when the Sun is out. The problem is... seeing stars when the Sun is out is only possible during a solar eclipse!

In 1919, a British scientist named Arthur Eddington packs up a giant telescope (**Telescope prompt, fold it to pack it up**) and goes on an exciting voyage to look at stars during an eclipse. Another group of astronomers go to Sobral, Brazil. Eddington works under mosquito nets and chases off monkeys (**Monkey ears prompt—monkeys, be naughty!**) trying to steal bits of his equipment. There's even a storm, making it hard to take pictures. The other team, though, takes a picture that shows the stars are in a slightly different position during the eclipse, just as Einstein predicted! (**Moon, Sun and stars prompts, the moon covers the Sun and the stars shuffle a tiny bit to any side**).

The world finally sees that Einstein's theories make sense. In 1921, Einstein finds out he has won the biggest, most important prize in science called the Nobel Peace Prize. (**Nobel Prize prompt, announce Einstein has won.**)

Instead of going to the award ceremony in Stockholm, Sweden, he continues with his plans to give a lecture in Tokyo, Japan.



Questions/Reading discussion: 1-5 sand dollars

Ask: What prize did Einstein win?

Example: **The Nobel Peace Prize**

## Day 5 Albert Einstein: Happiness!

THOUSANDS of people swarm to congratulate him at this very special moment, and a bellboy (**Bellboy cap prompt, knock softly and come in**) comes to Einstein's room to make a delivery.

Einstein gives him a tip—but not the coin or cash kind! On two separate sheets of paper from his hotel room, he writes down two important theories about happiness. (**Note prompt, open the folded note**) The bellboy opens one note. It says:

*Where there's a will, there's a way.*

In 1932 Einstein left his home country of Germany, never to return. His life was in danger. The Nazis wanted to kill him. They burned his books and told people his theories were false. He came to the United States. A new Institute for Advanced Study was created at Princeton University in New Jersey. This is where Albert Einstein would work for the rest of his life.

To Einstein the greatest joy isn't in being a celebrity or getting an award. It is being able to lose himself in his thought experiments during long walks, playing the violin, and encouraging students to ask why, just like he did with his compass.



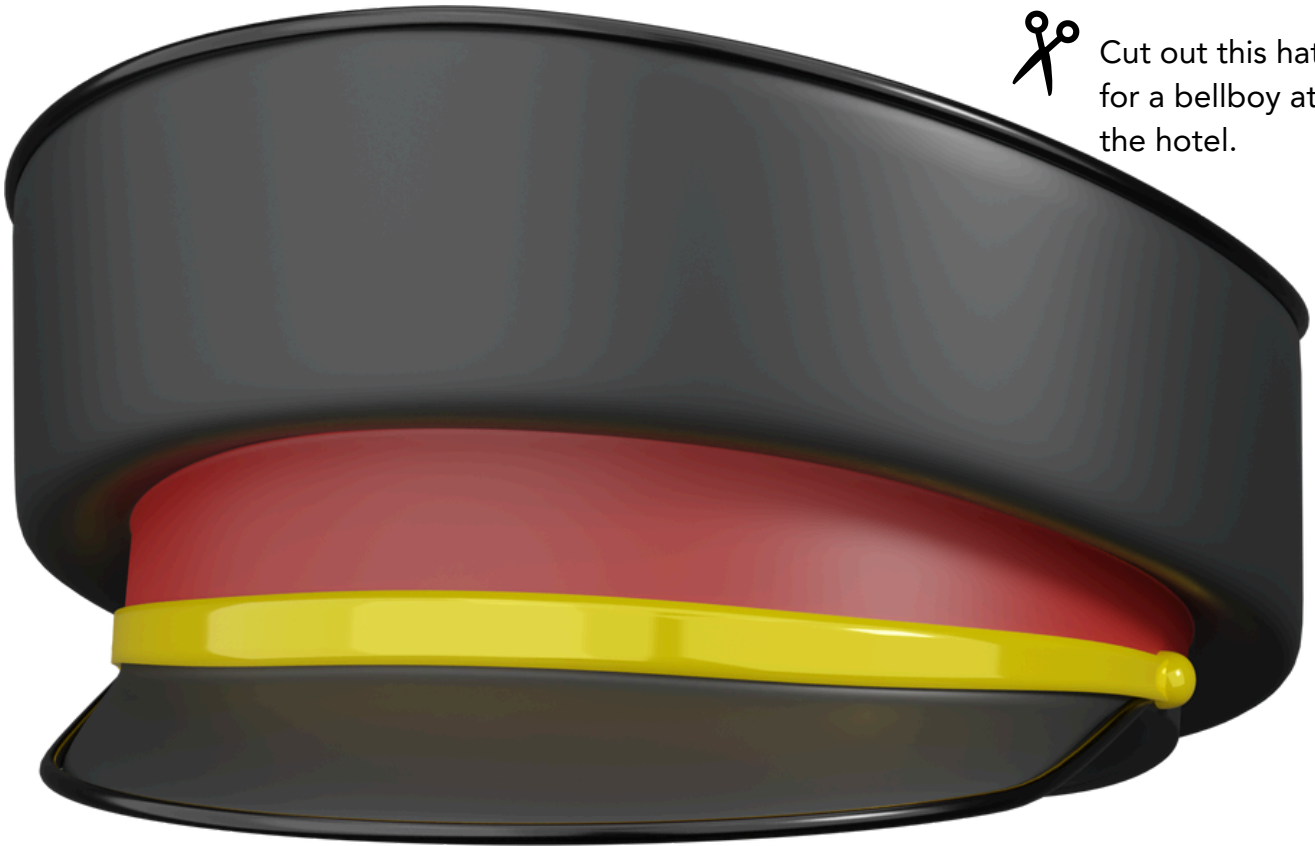
**Questions/Reading discussion: 1-5 sand dollars**


**Ask:** What part of his work do you think made Einstein most happy?

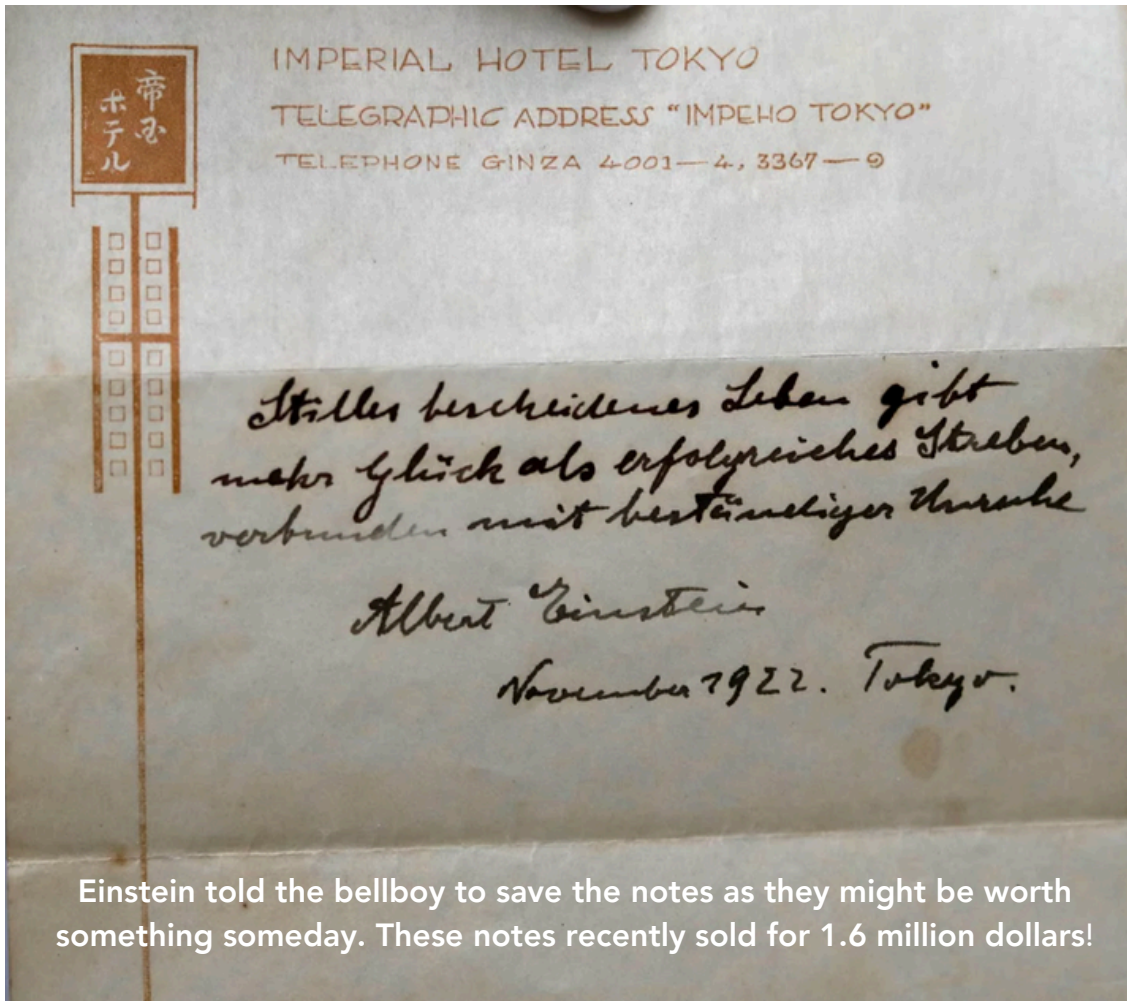
Example: **Answers will vary. Allow students to share a variety of answers and exchange ideas.**


**Ask:** What is a why question you're excited about exploring?

Example: **Answers will vary.**



 Cut out this hat for a bellboy at the hotel.

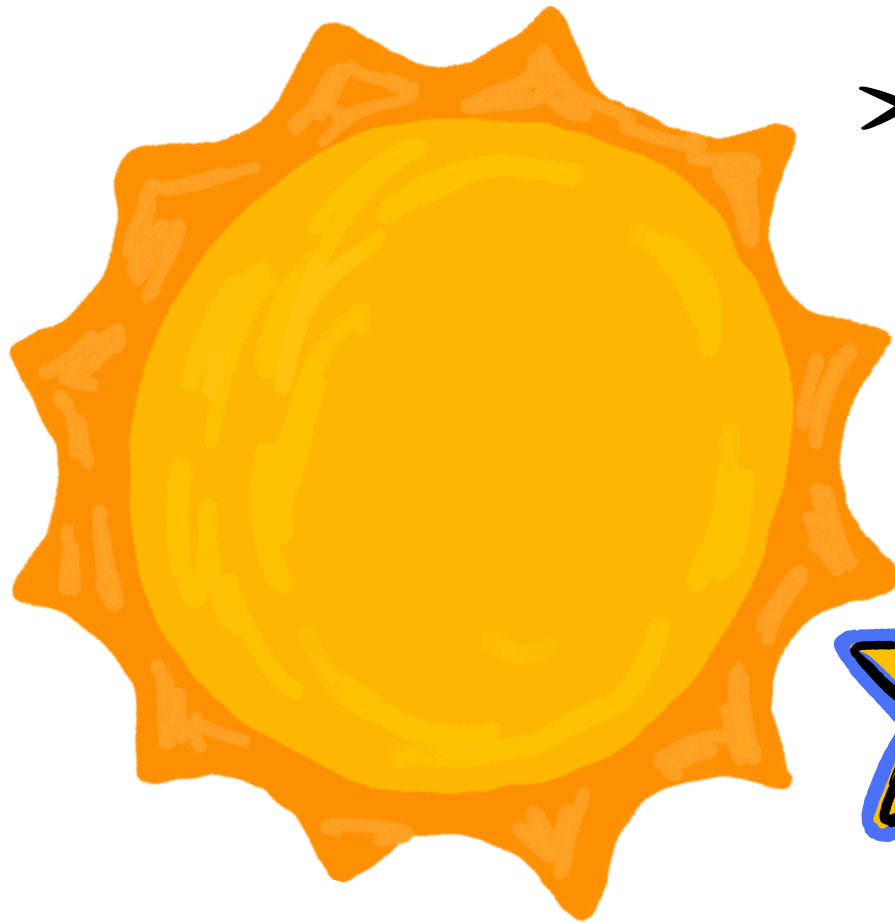


 Cut out this note for Einstein to give to the bellboy.

Einstein told the bellboy to save the notes as they might be worth something someday. These notes recently sold for 1.6 million dollars!

**Bellboy:** Tip your cap  
and make a delivery.  
Take the note and  
unfold it when you read  
it out loud.

**Einstein:** Fold this  
note and give it to  
the bellboy with a  
smile and a wink.



Cut these out separately to demonstrate the eclipse. The moon will go in front of the Sun and the stars will shift positions by shuffling one step in any direction.



**Star:** Shuffle one step in any direction when the moon covers the Sun.

**Sun:** Shine brightly and smile until the Moon comes in front.

**Moon:** Cover the Sun completely by moving in front.





Cut this out and announce Einstein has won the prize.



Cut ears out for the monkeys.

**Nobel Prize announcer:**  
Hold this shiny medal  
and say: "And the Nobel  
Peace Prize goes to  
Albert Einstein!"

**Monkey:** Hold the  
ears onto your head  
and sneakily take  
bits of equipment  
from the telescope.

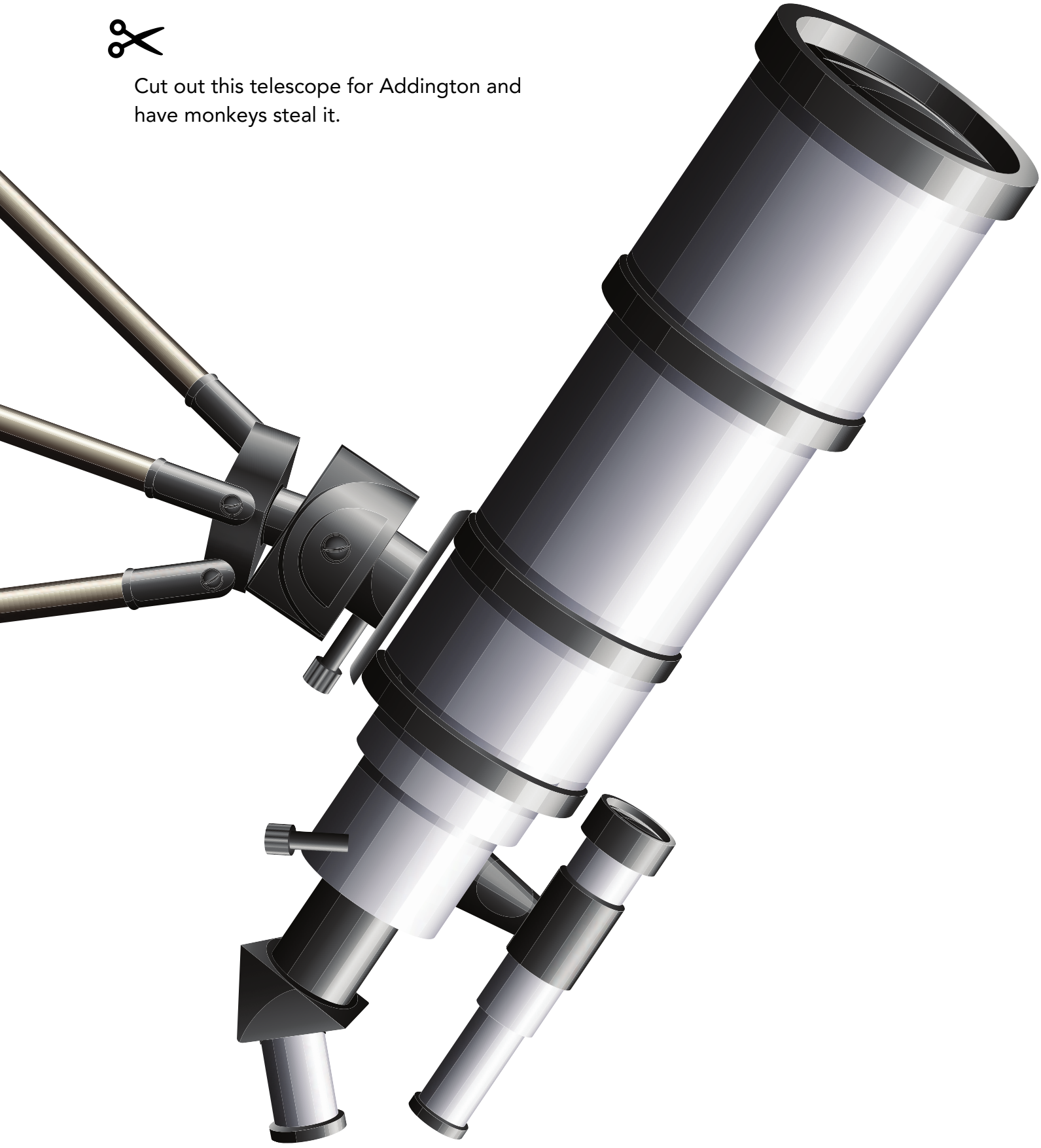
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**Monkey:** Hold the  
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bits of equipment  
from the telescope.



Cut out this telescope for Addington and have monkeys steal it.



**Adington:** Assembles the telescope and be confused when the monkeys steal it.



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