

NAME

DATE

PER



Moon Scavenger Hunt

Directions: To complete this scavenger hunt you will need to explore the links given below

Origins of the Moon	https://www.nasa.gov/feature/ames/lunar-origins-simulations Make sure to watch the simulation at the bottom of the webpage
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1. Explain how the Moon is believed to have formed.

Moon Facts	Links Brightest Star: geographyhost.com . Moon Facts: solarsystem.nasa.gov
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2. a) What is the name of brightest STAR in our nighttime sky?
- b) What is the scientific name for our Moon?
- c) Does the Moon produce its own light? (M) Explain.
- d) How old is the moon? (M)
- e) How does the radius of the Moon compare to the diameter of the Earth?
- f) How does the gravity on the Moon compare to the gravity on Earth? (M)
- g) What is the daily temperature **range** (difference between the highest and lowest temp) on the moon? (M)

Moon's Interior	Links moon.nasa.gov/inside-and-out
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3. Describe 3 different ways the Moon's interior is believed to be like the Earth's (M).

Moon's Surface Features	Links www.forbes.com
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4. Identify five different **surface features** on the Moon and describe what they are. (M)

NAME OF SURFACE FEATURE	DESCRIPTION OF SURFACE FEATURE

Moon's Surface Features pt 2	Links www.iop.org
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- 5.
- a) Explain how **craters** on the Moon were formed. (ME)
 - b) Explain how **maria** formed on the Moon.
 - c) Are **maria** light or dark areas on the Moon?

Moon's Atmosphere	<div data-bbox="937 113 1027 144" data-label="Section-Header">Links</div> <div data-bbox="758 147 1213 182" data-label="Text">Nasa Atmosphere: www.nasa.gov</div> <div data-bbox="776 180 1192 216" data-label="Text">Moon Weather: www.nasa.gov</div>
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6. a) Does the Moon have an atmosphere? Explain.
- b) What elements were discovered in the moon's atmosphere?
- c) What kind of weather occurs on the moon? Explain.

First Lunar Landing	<div data-bbox="933 955 1024 989" data-label="Section-Header">Links</div> <div data-bbox="771 991 1190 1029" data-label="Text">kids.nationalgeographic.com</div>
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7. a) On what date did the first man step foot on the Moon? (M, EM)
- b) Who was he?
- c) What did he say when he first set foot on the Moon?
- d) What were the names of his crew members?
- e) What was the name of their Moon mission?
- f) What was the name of their lunar module or landing craft?
- g) Where did they land on the Moon?
- h) How long did they stay on the Moon?