Christmas Night Sky Spotter Sheet

Bundle up, step outside, and see what winter wonders you can find!

Stargazer name: **Location:**

Date and time: **Sky conditions:**

Before You Start

Let your eyes adjust to the dark for at least 20 minutes.

Use a red light to protect your night vision.

Look towards the south and east for the best views.

Easy Challenges

The Moon

Look for its bright, silvery glow and craters.

Jupiter

A very bright, steady circle.

Orion

Find three bright stars in a row (Orion's Belt).

The Pleiades

A small cluster of bright stars that look like a tiny dipper (above Taurus).



The Moon



Orion's Belt



The Pleiades



Jupiter

Connect the Dots

Draw a constellation in the box and give it a festive nickname!

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Medium Challenges

Mars

A reddish-orange bright circle.

Sirius

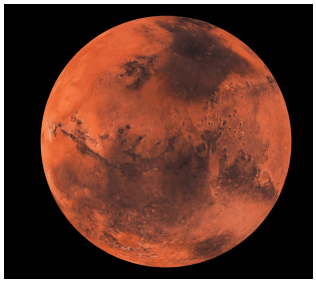
The brightest star in the sky.

Taurus

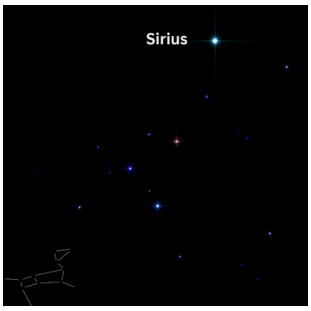
Look for the V-shaped cluster called the Hyades, with the Pleiades nearby.

Gemini

Find two bright stars close together (Castor and Pollux).



Mars ☐



Sirius ☐



Taurus ☐



Gemini ☐





What can you see in the sky?

Draw the stars and constellations you can see tonight.

Weather

Clear ☐

Cloudy ☐

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Bonus & Binocular Challenges

The Andromeda Galaxy

A faint, fuzzy patch of light (with binoculars).

The Beehive Cluster (M44)

A hazy cluster of stars (in Cancer, with binoculars).

The Winter Circle

See if you can find the circle of bright stars: Sirius, Procyon, Pollux, Capella, Aldebaran and Rigel.

A Shooting Star

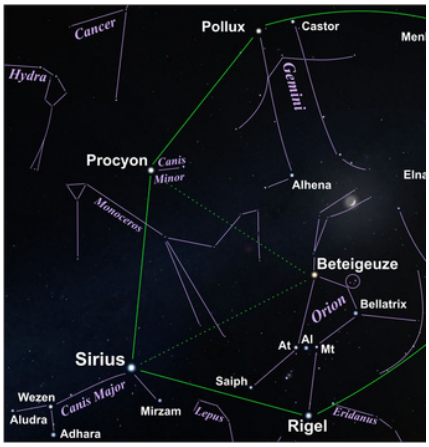
Be patient and look for a quick streak of light!



The Andromeda Galaxy ☐



The Beehive Cluster (M44) ☐



The Winter Circle ☐



A Shooting Star ☐

What can you see in the sky?

Draw the stars and constellations you can see tonight.

Light Conditions

Dark Sky ☐

Light Pollution ☐