

# What's included?

4TH GRADE  
Science Worksheets



SC.4.E.5.1  
Star Patterns

Remember that the patterns of stars in the sky stay the same although they appear to shift across the sky nightly, and

You'll find everything you need to know about star patterns in this resource. It contains:

- A brief history of the subject
- Diagrams & illustrations
- Science experiments
- Fun and engaging activities
- Answer key

Star Patterns

### Findout Constellations

**What:**  
There is a lot of stars that make up constellations. Learning to find constellations is an important skill for astronomers and stargazers. The biggest star in the constellation is called the **alpha** star.

**How to:**  
Use a star chart or a star map to find the location of a star. The chart or map will show the location of the star in the sky. You can use a star chart or a star map to find the location of a star in the sky.

**What:**  
The Orion constellation is one of the most prominent constellations in the night sky. It is located in the winter months of the Northern Hemisphere.

**How to:**  
Use a star chart or a star map to find the location of the Orion constellation. The chart or map will show the location of the Orion constellation in the sky.



Star Patterns

### DIY Telescope

**Materials:**  
• Cardboard  
• Paper  
• Tape  
• String  
• A small telescope lens  
• A small objective lens

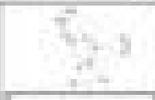
**Instructions:**  
1. Cut the cardboard into a long, thin strip.  
2. Cut the paper into a long, thin strip.  
3. Tape the paper to the cardboard.  
4. Cut the string into a long, thin strip.  
5. Tape the string to the paper.  
6. Tape the telescope lens to the string.  
7. Tape the objective lens to the string.



Star Patterns

### Ident The Constellations

Write the name of each constellation using the Greek letter.

Constellation	Star	Star	Star	Star
Alpha	Beta	Gamma	Delta	Epsilon
				
				
				

# Novel Stars Answer Key Earth Science

**Judd E. Hollander**



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