



Smithsonian
Science Education Center

HOW CAN WE USE THE SKY TO NAVIGATE?
Solution Testing
Smithsonian Science for the Classroom™
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Use the questions below to help you analyze your data as a group. Write your thoughts in your STEM notebook. Use evidence from your investigation to support your ideas.

- Why do you think using your hand is a good way to estimate a star's altitude?
- Why do you think using your hand is a bad way to estimate a star's altitude?
- Why do you think using a sextant is a good way to estimate a star's altitude?
- Why do you think using a sextant is a bad way to estimate a star's altitude?
- How do you think the way you tested the solutions might have impacted your results?

