



# Make a Weather Vane and Compass.

## Explore

Why do we predict and record the weather?

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Can you name any instruments used to record weather?

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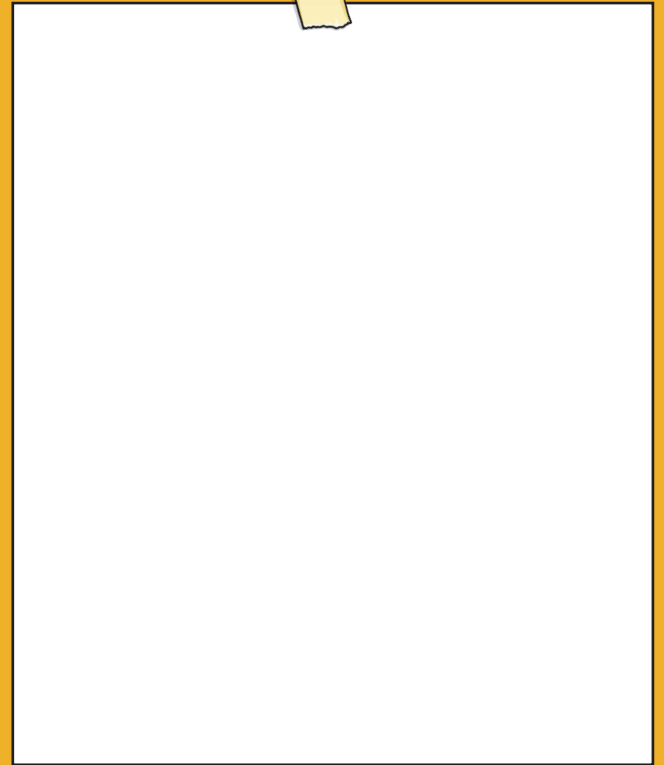
## Plan

List the materials your team will use to make your weather vane.

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Draw a sketch of your design before making your weather vane.

## Make

Describe the steps you and your team took to create your weather vane.

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# Questions

1. What was the most challenging part about making a weather vane?  


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2. Does the location of the weather vane make a difference to how it works?  


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3. Is there anything you would do differently if you were to make a weather vane again?  


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4. Choose a spot in the school yard / school garden to place your weather vane. Record the direction of the wind for a week.

Monday	Tuesday	Wednesday	Thursday	Friday

## Plan

List the materials your team will use to make your compass.

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Draw a sketch of your design before making your compass.

## Make

Describe the steps you and your team took to create your compass.

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## Evaluate

# Questions

1. What was the most challenging part about making a compass?

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2. How can the design of the compass be improved?

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3. How did working as a team help with the design process?

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4. Did you learn anything from the other teams' designs?

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5. Use your compass to make a map with directions of the school yard / school garden.