

VIRTUAL CAMPING

TEACHERS GUIDE

SESSION NAME:	UNDERSTANDING WIND GRADE 5 & 6
DURATION:	40 MINUTES

SESSION DESCRIPTION:

Students will discuss what is wind, what causes wind and why knowing what the wind is currently/forecasted to do is so important when undertaking outdoor experiences and everyday life.

CURRICULUM LINKS:

GEOGRAPHY

- Collect and record relevant geographical data and information from the field and secondary sources, using ethical protocols ([VCGGC088](#))

SCIENCE

- Sudden geological changes or extreme weather conditions can affect earth's surface ([VCSSU079](#))

OUTCOMES/OBJECTIVES:

- Students will understand what wind is and what causes it
- Students will understand wind has on outdoor experiences
- Students will build their own wind vane and understand its use

TEACHER REQUIRED RESOURCES

- Buffered understanding wind video
- Have collected all of the required participant resources
- Designated an area for students to test their wind vane

PARTICIPANT REQUIRED RESOURCES

- Cardboard
- Straw
- Scissors
- Pencil with rubber on end
- Pin

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LOCATION/AREA SET UP:

- Ensure students have all required resources

TEACHER INSTRUCTIONS:

INTRODUCTION:

- Pause video at 2:58
- Open link below and watch video
 - [What Causes Wind to Blow?](#)
- Once you have watched the video press play

MAIN CONTENT:

- Pause video at 6:36
- Steps to making your own wind vane:
 1. Cut-out a circle of cardboard 20cm in diameter
 2. Write North, South, East, and West on the relevant locations of the cardboard
 3. Cut a notch into one end of the straw.
 4. Cut an arrow out of thicker paper, then slip it into the slit on the straw.
 5. Cut a small hole in the centre of the cardboard, and stick the tip of the pencil into the hole.
 6. Use a pin to fasten the straw to the top of the eraser. Make sure it's centred. You may also want to wiggle the pin back-and-forth a bit to make sure the arrow can spin easily.
 7. Find north using a compass and then find the other inter-cardinal directions
- Once students have completed making wind vane they can head outside to practice using them

DEBRIEF/FAREWELL:

- To get a sense of how the weather changes try recording the direction of the wind and the types of clouds in the sky for a week in a journal