

Virtual Camping Teachers Guide

Sector/ Activity Buckets:	
Session name:	Understanding Wind Year 7 & 8
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 <ul style="list-style-type: none"> - Analyse maps and other geographical data and information using digital and spatial technologies as appropriate, to develop identifications, descriptions, explanations and conclusions that use geographical terminology Science (VCGGC104) - Ways that flows of water connect places as they move through the environment and the ways this affects places (VCGGK106)

Outcomes/Objectives:
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • Cardboard • Straw • Scissors • Pencil with rubber on end • Pin

Location/Area set up:
<ul style="list-style-type: none"> • Ensure students have all required resources
Teacher Instructions:
<p>Introduction:</p> <ul style="list-style-type: none"> • Pause video at 2:58 • Open link below and watch video <ul style="list-style-type: none"> - What Causes Wind to Blow? • Once you have watched the video press play
<p>Main Content</p> <ul style="list-style-type: none"> • Pause video at 6:59 • Steps to making your own wind vane: <ol style="list-style-type: none"> 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. Write north-east, south-east, south-west & north-west on the relevant locations of the cardboard 4. Cut a notch into one end of the straw. 5. Cut an arrow out of thicker paper, then slip it into the slit on the straw. 6. Cut a small hole in the centre of the cardboard, and stick the tip of the pencil into the hole. 7. 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. 8. Find north using a compass and the find the other inter-cardinal directions • Once students have completed making wind vane they can head outside to practice using them
<p>Debrief/Farewell:</p> <ul style="list-style-type: none"> • 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