

STEAM

outdoor Inspiration

14 outdoor Lesson Ideas!

- 1 Sports gear audit. Head to the sports equipment shed – compare different objects and order them by measuring length. (ACMMG037)
- 2 Design a hopscotch game to remember the months and seasons. (ACMMG040)
- 3 Explore the capacity of a range of containers and debate which would be best to capture, lift and pour rain water to use on the school's veggie patch. (ACMMG037)
- 4 Make a giant human clock face using numbers 1-12, a peg and 2 coloured ropes of different sizes for the clock hands. Take turns to set the clock at quarter past and quart to times. (ACMMG039)
- 5 Estimate and then measure the handspan lengths of different elements of the playground and school grounds, e.g. the handspan height of the monkey bars. (ACMMG037)
- 6 Find 10 nature treasures from around your school grounds and use measuring scales to discover which is heavier and lighter. Use the scales to order all of the 10 treasures from heaviest to lightest. (ACMMG038)
- 7 Make a map of the school. Walk the site in small groups and compare using Google Maps (ACMMG044)
- 8 Design and construct an aquaduct that could transfer precious water from a source to where it is needed, e.g. the vegetable garden or model town. (ACSSU032)
- 9 Paper plane challenge – come up with a design that travels the greatest distance. (ACSSU033)
- 10 Create giant 2D shapes on the ground using a large rope. Discuss how many edges, corners, straight and curved lines each shape has. (ACMMG042)
- 11 Investigate how to make mud bricks strong enough to build a structure. (ACSSU031)
- 12 Explore different liquids and investigate which freeze well to make iceblocks. Try adding different fruits, some impact on freezing – why? (ACSSU031)
- 13 Go on a 3D shape hunt around your school grounds and record the number of faces, corners and edges of the shapes you find. (ACMMG043)
- 14 Choose a wildlife focus e.g. birdlife, insects or trees to research in your school grounds. Observe and tally how many of each species you can find. (ACMSP048)

Year
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Mapped to the Australian National Curriculum