

STEAM

Outdoor Inspiration

17 outdoor Lesson Ideas!

- 1 Design and develop a nature shop in groups. Buy and sell produce, giving correct change to the nearest 5 cents. (ACMNA080)
- 2 Create and solve number problems using natural resources to help with their working. (ACMNA082)
- 3 Keep a weather/temperature diary, comparing the temperature in the shade and sun at different times of the day for a week. (ACMMG084)
- 4 Calculate the area and volume of objects around the school grounds. (ACMMG290)
- 5 Use simple scales, legends and directions to interpret information contained in basic maps. (ACMMG090)
- 6 Create symmetrical patterns, pictures and shapes with and without digital technologies. (ACMMG091)
- 7 Compare angles and classify them as equal to, greater than, or less than, a right angle. (ACMMG089)
- 8 Collect data e.g. car colours, favourite spaces etc. at playtimes. (ACMSP095)
- 9 Living things have life cycles. (ACSSU072)
- 10 Living things depend on each other and the environment to survive. (ACSSU073)
- 11 Compare and contrast soil samples from landscaped areas, bushland and sporting areas. (ACSSU075)
- 12 Explore the school grounds or local community for signs of changes as a result of natural processes, e.g. erosion and extreme weather. (ACSSU075)
- 13 Simulate the impact of a creek flood by making a model community. (ACSSU075)
- 14 Construct a ramp using loose parts resources (crates, planks of wood etc). Investigate how changing the gradient and surface type impacts on the level of friction, speed and distance objects travel. (ACSSU076)
- 15 Design and build a catapult. (ACSSU076)
- 16 In groups, research, design and develop a mini 1m x 1m vegetable/herb garden that could be suitable for apartment/urban living. (ACTDEK012) (ACTDEK013)
- 17 Construct shelters using a range of materials and test for durability, waterproofing and comfort. Become 'estate agents' and develop an advertisement to sell the characteristics of your shelter. (ACTDEK013) (ACTDEP016)

Year
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Mapped to the Australian National Curriculum