

Suggested learning opportunities for Magnifying Glass

- > STEM
- > Literacy & English
- > Expressive Arts
- > Health & Wellbeing, Social Studies and RME



Numeracy and Mathematics

I can estimate how long or heavy an object is, or what amount it holds, using everyday things as a guide, then measure or weigh it using appropriate instruments and units. **MNU 1-11a**

I can continue and devise more involved repeating patterns or designs, using a variety of media. **MTH1-13a**

I have explored symmetry in my own and the wider environment and can create and recognise symmetrical pictures, patterns and shapes. **MTH 1-19a**

I have used a range of ways to collect information and can sort it in a logical, organised and imaginative way using my own and others' criteria. **MNU1-20b**

- Draw a bug pattern you find with your magnifying glass to 1cm squared paper. Then, using the 3cm paper scale up the pattern. Why not scale it up even bigger by using chalk in the playground! *
- Use your magnifying glass to inspect patterns around the classroom. Can you scale up this pattern by creating an art project?
- Search outside for bugs using your magnifying glass. Use the ruler on the side to measure them. What are the longest and shortest bugs you find? Create a chart to show your findings. *
- Using your magnifying glass, plant some small sunflower seeds. Use the ruler to space them out correctly. You can continue to use your magnifying glass to inspect their growth and your ruler to measure and record how tall they grow!

Literacy and English

I can convey information, describe events or processes, share my opinions or persuade my reader in different ways. **LIT 1-28a / LIT 1-29a**

- Get down on the ground and use your magnifying glass to see the world from a bug's perspective. Tell your class a story about your experience. You could create a diary entry!

Writing

I am learning to use my notes and other types of writing to help me understand information and ideas, explore problems, generate and develop ideas or create new text. **LIT 1-25a**

- Create a scavenger hunt listing lots of different objects in the classroom and playground for the rest of your classmates to find with their magnifying glass.

Art and Design

I can create and present work using the visual elements of line, shape, form, colour, tone, pattern and texture.

EXA 1-03a

Inspired by a range of stimuli, I can express and communicate my ideas, thoughts and feelings through activities within art and design. **EXA 1-05a**

- Pick your favourite setting from The Bug Collector and create a piece of art work inspired by it. Use your ruler and magnifying glass to help you spot all the detail.
- Use your magnifying glass to look at different plants in your local area. Can you create a piece of art inspired by the detailed patterns you see?

Health & Wellbeing

I am discovering ways that I can link actions and skills to create movement patterns and sequences. This has motivated me to practice and improve my skills to develop control and flow. **HWB 1-21a**

I recognise that we have similarities and differences but are all unique. **HWB 1-47a**

- Use the magnifying glass to inspect your fingernails and fingerprint. Compare these with other people in your class. Are they similar or different?
- Before bedtime try reading a book to relax you. Use your magnifying glass as a bookmark to keep your page!

