

Numeracy and Mathematics

Place Value Games

When Horton searched for the clover that the Wickersham Brothers had snatched from him, he piled up “nine thousand and five” clover flowers. Can pupils partition the number to show Th, H, T and U? Ask pupils to rearrange the digits to make new numbers. Can they put these numbers in order –smallest first? Pupils can go on to do something similar with the number three million – “he found them at last. On the three millionth flower.” Which is the next ordinal number?

(Digits written on stones or tree cookies with permanent marker are fun and easy to move around and manipulate rather than writing out numbers on a sheet of paper.)

Complete a Local Air Quality Survey

Learn about lichen and use a variety of MNU skills to survey the lichen in your area. Lichens are fascinating organisms that are all around us but are easily overlooked. They can be a useful indicator of air quality and relative pollution levels. The OPAL survey is closed (you cannot upload your data) but very useful materials for you and your class to work with are found here

<https://www.stem.org.uk/resources/elibrary/resource/32036/air-survey-what-can-lichens-tell-us-about-air-quality> **B**

or

a more simple survey *Lichens – Making the Invisible Visible* can be found at

<http://stories.rbge.org.uk/archives/19615> **B** The website makes suggestions for what we can do to improve local air quality.

Social Studies

Threats to Survival Game

The Whos were in danger of becoming extinct. Investigate the threats to real Scottish animal and bird species. What action can we take to help these species? See *SNH Biodiversities Activities Pack* Activity 10 Active Links

<https://www.nature.scot/biodiversity-activities-pack> **B**

Mapping the Story/ Mapping

Whoville is located on a speck of dust on a clover flower. The clover is in the Jungle of Nool... Map the story to show the relative location and size of the locations in the story.

Can you do the same for your school? What street, what town, what part of Scotland, what part of the World.

Use Google Maps (both map and satellite images) to zoom in and out of the area around your school. <https://www.google.co.uk/maps/@55.4508262,-4.2978344,9z>

Investigate population size and area occupied by different countries. Place in order. Where does Scotland fit in a list of countries by size?

Expressive Arts

Draw/paint/photograph a Large Image of Small Object

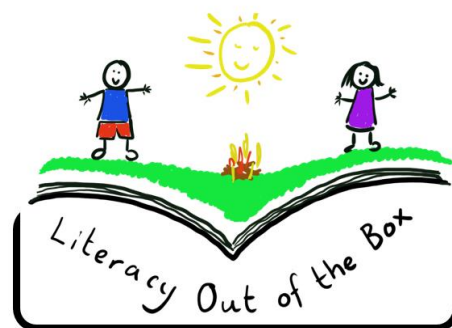
Focus your attention on the small details of natural objects and natural spaces. See *SNH Biodiversity Activities Pack* Activity 7, Biodiversity Big and Small

<https://www.nature.scot/biodiversity-activities-pack> **B**

Whoville Orchestra

Use scrap materials to make musical instruments and perform as the Whoville Orchestra.

Ideas for make 24 different instruments can be found at <https://www.kinderart.com/teachers/9instruments.shtml>



Horton Hears a Who!

Novel Topic Mind Map

CfE Early, 1st, 2nd Levels

B next to a suggested resource indicates that a copy is included in the Lit Out of the Box folder.

Literacy and English

Who Make Believe

Go on a hunt for small natural objects outdoors. Are they being used by tiny Whos? How are they being used? Are pieces of dandelion fluff being used as tiny parachutes? Are empty snail shells being used as Who fun parks? A Who might build a boat using a tiny leaf for a sail. Get some inspiration from

http://treetoolsforschools.org.uk/activities/pdfs/pdf_leaf_boats.pdf

Write, tell or act out a story based on this new world you have discovered.

Rhyming Display

Look for and collect rhymes in the story (cool/pool, yelp/help ..).

Begin a collection of your own. Add both sets to a classroom display and use as the stimulus for silly rhymes with illustrations.

Design a Missing Poster

Have you seen these Whos?

Design a Wanted Poster

Wanted for Snatching Clover – the Wickersham Brothers

Sciences

Learn to Use Scientific Equipment

Use hand lenses and bug pots to take a closer look at the tiny creatures and organisms that live in our outdoor spaces.

See the OPAL (Open Air Laboratory) *Guide to Lichen ID* in the Field Guide at <https://www.stem.org.uk/resources/elibrary/resource/32036/air-survey-what-can-lichens-tell-us-about-air-quality> and use a hand lens to look at the characteristics of different lichen. Hand lenses are provided as part of Literacy Out of the Box loan.

Minibeasts

Introduce minibeasts with this short clip <https://www.bbc.co.uk/bitesize/clips/zwwndxs> Online you can find a variety of activities which can help pupils investigate and support minibeasts at this activity booklet.

<https://www.norfolkwildlifetrust.org.uk/documents/nature-recovery-network/wildlife-advice/school/nwt-marvellous-minibeast-activity>

Religious and Moral Education

Explore What Makes Each of Us in Our Community Special

Using “A person’s a person, no matter how small,” to open discussion, go on to set pupils the task of drawing portraits of and writing positive statements about classmates (use lollipop sticks or similar to ensure that pupils are randomly selected). Statements can be very brief – ‘Jane is always smiling.’ Don has beautiful handwriting.’ This can be extended to include members of staff and others in the wider school community.

Create a book entitled *A Person’s A Person* which gathers the drawings and text together. This can be kept in class or kept at the school entrance for visitors to read.

What Makes Us the Same, What Makes Us Different

An Oxfam sequence of lessons (with associated films and photographs) allows pupils to find out about the lives of 4 children from different countries around the world.

<http://www.oxfam.org.uk/education/resources/your-world-my-world>

Technologies

Den Building

Design and build a den for i) an elephant and ii) a Who using the den building equipment in your Literacy Out of the Box resource kit as a starting point.

<https://www.woodlandtrust.org.uk/blog/2019/10/how-to-build-a-den/> shows you lots of ideas for making dens indoors and outdoors, large and small.

Make a Tumble Trap

Build this simple piece of science equipment so that you can investigate the tiny creatures living in leaf litter.

<https://www.wildlifewatch.org.uk/activity-sheets> How to make a tumble trap

Health and Wellbeing

What Makes a Good Friend?

- The Whos told Horton he was “a very fine friend.” How did they know Horton was such a good friend? Make a list of clues from the story. Make a list of the things *you* could do to show people you are “a very fine friend.”

- Whoville Teamwork Task**
- The other animals heard the Whos only once *all* of the Whos worked as a team to make their voices heard. Build Whoville from scrap materials – assign parts of the town to small teams and bring the parts together to complete the town. Ask the class to discuss the project and project plan from the start.

Games for Building Co-operative and Collaborative Skills

See Play, Learn and Have Fun! Environmental Games and Activities for Rangers and Schools

<https://docplayer.net/21011881-Play-learn-and-have-fun-environmental-games-and-activities-for-rangers-and-schools.html> **B**

Display – What makes a good listener?

At first, only Horton could hear the Whos. Why? Was it just because he had big, elephant ears or did he have other qualities that made him a good listener?