

Outdoor & Woodland Learning Activity Sheet

Activity:	Soil Recipe								
Habitat:	Woodland, Moorland, Croftland, Garden	Season:	S	✓	S	✓	A	✓	W

Level	
Early	✓
First	✓
Second	✓
Third and Fourth	
Senior Phase	

Curriculum topics			
Expressive Arts		Health and Wellbeing	
Languages		Mathematics	✓
Religious & Moral Ed		Sciences	✓
Social Studies		Technology	

Equipment*
Soil recipe
Bucket (1 per group)
Water (if none present on site)
Something to symbolise time
Plastic insects
Something to represent a dead animal!

Time
10 minutes

Key outcomes
Learn how soil is formed

*Items depicted in bold are available from CALLP

Activity description
<p>Soil is made up of 45% minerals from rocks, 25% water, 25% air, 5% organic matter, along with the action of time, activity of living things and specific climatic conditions.</p> <p>This activity is an interactive, visual and silly way to understand the above. Can be used as a starting point to any session exploring soil.</p> <p>Following the attached recipe, use creative ways of imagining the ingredients through found objects to make soil (opportunity to have a discussion around respecting live animals too, so nothing is harmed in the making of soil!).</p>

Notes
<p>An activity that be used in conjunction with:</p> <ul style="list-style-type: none"> • The World Beneath our Feet – Connecting soils and curriculum pack • Opal – soil survey resources



Soil Recipe

Ingredients:

1 huge rock

3 medium pebbles

5 small stones

4 twigs

3 fallen leaves

*1 dead animal**

*Sprinkling of wee beasties**

Dash of water

Dollop of air

Sprig of time

Instructions:

- 1. Place your ingredients into a large pot.*
- 2. Mix with a large stirring implement.*
- 3. Chant some hocus pocus words.*
- 4. Name your concoction.*

**Please don't intentionally harm any creatures in the making of this recipe!*