

Pre and Post Lesson Activity Ideas

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RHS Garden Rosemoor	Soils KEYSTAGE 1 Page 1 of 2	
Pre Lesson Activity Ideas	Р	ost Lesson Activity Ideas
Introduction Tell the children they will be learning about soil at Rosemoor. Ask them what they think soil is.	recourses for Primary	detailed wed site on soil with lots of activities and and Secondary School students and teachers the et.com
Activity Take the children outside to the school grounds and collect sto bring on the visit. Students can investigate and record what is in soil. Look for animals and plants (e.g. roots). Use of magnifying glass coul for this activity. Dry soil samples for several days for Rosemoor visit. Note: If the school has no garden, children might like to bring samples from home instead.	Ask the children to rewhat did they learn a What is the difference what is the difference what is the difference what is the difference and school to see if a fertilizer make any difference school soil, and water flows through the water flows thr	sample of soil from home. Look for similarities an soils (e.g. colour, texture). ving or outside thinking about what soil is giving to the sts with different types of soil (from home, composities has an effect on their growth. Does adding ference, which soil needs watering the most etc. ow ders with different soils (sand, loose school soil, clay, mixtures of soil with more or less sand). Test ugh each type of soil. Explain difficulties for plant in poor draining soil.

ready for cutting out.



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	Activity 5 - Soil Painting	
	Using soil to find different colours. These can be mixed with water to make paints which children can use to paint a picture with. Other natural materials found outside could be used to add more colour. • www.nacdnet.org/education/contests/poster/2009/soil_painting.pdf - some instructions on painting with earth to give some ideas. • peterward-artist-illustrator.co.uk/ - a local Devon artist who works with earth. Some ideas of colours and design from looking at this site.	
	Activity 6 - Worms	
	Go hunting for worms, what is the best way to find them? Watering the soil is thought to be the best as the worms cant breath in water so come to the surface, however some people think stamping on the ground charms them up to! Funny web site: www.wormcharming.com/	
	Mark out a meter square and water this area to see how many worms come to the surface. If it is good soil then you might be amazed how many worms live here (remember this wont be all of them as some worms will move outwards as well as upwards).	
	Identifying worms, there are a number of different types and if you would like to have a go look at the web site www.opalexplorenature.org/soilsurvey , this has an identification key and information on surveying earthworms and soil.	
	Make a wormery, find instructions on the web e.g.	
	 <u>www.thekidsgarden.co.uk/MakingAWormery.html</u> or <u>www.soil-net.com/sm3objects/activities/Activity_Wormery1.pdf</u> 	
	Observe their activity over a number of days before releasing them back outside. Could also try to make or buy a wormery for making compost.	