On-site activities

Can be run with half a class each at the same time

Letcombe Brook Project

Theme	Our Brilliant Brook	Chalk Stream Critter Classification (2/3)	Human impact on habitats	Letcombe Brook Lifecycles
Suggested age group	4 – 7 year-olds but can be adapted to all ages (15 children is ideal)	7-9 year olds (15 children max)	7-11 year olds	9-11 year olds
Learning Objectives	➢ That there are different habitats where we live ➢ How to keep safe around the brook ➢ To use our senses to experience nature and how this is good for our well-being	➢ Identifying invertebrates in the brook and classifying them as insect or not ➢ Using a branching database and/or pictorial identification key	➢ Understand the global rarity of chalk streams ➢ Explore human impact on Letcombe brook – both positive and negative ➢ Understand how our community can look after the brook	➢ Understanding the lifecycle of key animals that live in the brook especially caddisflies, damselflies and mayflies ➢ Can also look at brown trout, water voles and kingfisher if desired
Activities	➢ Walk along the brook ➢ Using senses to identify when animals might be near by ➢ Using senses to spot dangers ➢ Information shared through interaction, stories and song	➢ Understanding how kick sampling is used to collect animals ➢ Potential to try kick sampling to collect specimens ➢ How to identify similar looking animals ➢ Drawing animals with scientific labelling	➢ Walk along a stretch of the brook, taking note of the different human uses of the brook ➢ Collecting litter ➢ Potential to maintain habitats ➢ Understanding how much water different activities use	➢ Catching and comparing nymphs in the brook ➢ Drawing and labelling dragonfly and damselfly nymphs and flies ➢ Predator top trumps
Session length	60 mins	60 mins	60 mins	75 mins
How can we help?	Don’t frighten animals Enjoy time in nature Don’t leave anything behind Walk maps	Take care of wildlife	Leave a positive impact Saving water	Care of habitats

In-school Activities

Theme	Chalk Stream Critter Classification (1/3)	Chalk Stream Critter Classification (3/3)	Mayflies in the classroom
Suggested age group	7-9 year olds	7-9 year olds	9 – 11 year olds
Led by	Class teacher or LBP team	Clas teacher or LBP team	
Learning Objectives	➢ What an invertebrate is and common features of insects ➢ How to use a branching database/ dichotomous key	➢ Understanding food webs in the Letcombe Brook ➢ What happens when invasive species are introduced to a habitat such as the Letcombe Brook?	
Activities	➢ Looking at either minibeasts in resin or images, identify parts of an insect. ➢ Practice drawing a minibeast by looking carefully at its features. ➢ Use a branching datebase to sort minibeasts or to identify them	• Completing a labelled cross section of the brook and linking this to a food web of the brook. ➢ Invasive species game ➢ Evaluation of invasive species game	
Session length	90 mins	60 mins	

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Off site activities can be led by a member of the Letcombe Brook Team or by the class teacher – resources and plan will be provided. For the Chalk Stream Critter Classification, all 3 sessions do not have to be undertaken but together they ensure that pupils have the skills and knowledge to thrive in the practical session and gain a strong understanding of the wildlife in their local area.