



SuDS for Schools Curriculum - Subjects

We will work with schools to design and build SuDS in school grounds and in so doing support multiple learning opportunities across the curriculum as demonstrated below.



Environment Agency

Subject	Example enquiry questions	Example activities
Science	<ul style="list-style-type: none">• What lives in a wetland and how?• How does a wetland ecosystem work?	<ul style="list-style-type: none">• Conduct a biodiversity survey around your school. Use microscopes and keys to identify plants and animals. Model food webs. Build a mini water-cycle. Sample water quality. Model the affects of water pollution.
Mathematics	<ul style="list-style-type: none">• How much rain falls on our school roof?• How much water do we use at school?	<ul style="list-style-type: none">• Estimate and compare rainfall over time. Read a water meter. Calculate water used annually. Measure your site for your SuDS design. Calculate the cost of building a SuDS. Measure the distance water travels from your school to the local stream.
English	<ul style="list-style-type: none">• How can we communicate water saving messages to others?• How are people inspired by water?	<ul style="list-style-type: none">• Write a water saving action plan for school. Explore water related myths and ledgens. Write water inspired poetry. Interview community groups about your local river. Write a wildlife diary. Present your SuDS design ideas to others.
Geography	<ul style="list-style-type: none">• Where does the water in our local river come from and go to?• What are rivers in other countries like and why?	<ul style="list-style-type: none">• Plot the route of your local river from source to sea. Use maps to compare the shape and course of rivers over time and identify rivers around the world. Visit your local river. Investigate flooding and drought events linked to our management of wetlands.
History	<ul style="list-style-type: none">• How did we use our local river in the past?• How has our local area changed over time?	<ul style="list-style-type: none">• Explore local records. Use role play to re-enact your local history. Use historical photos and interview local residents. Take before and after photos. Use maps to compare land use over time. Find out when your school was built and investigate what was there before.
D&T	<ul style="list-style-type: none">• How can we catch rain water in our school grounds?• How can we encourage more wildlife to our school grounds?	<ul style="list-style-type: none">• Design a SuDS to catch rain water in your school grounds and provide a habitat for plants and animals. Research design options. Measure your site. Consult with stakeholders. Calculate costs. Draw plans. Present ideas to your local council.
Citizenship	<ul style="list-style-type: none">• What do we do at school that affects the environment and how?• How can we save water at school?	<ul style="list-style-type: none">• Invite your local river action group to school. Investigate sources of water pollution at school. Conduct a water audit. Help build the SuDS in your school grounds. Write an action plan to look after your SuDS.
Languages	<ul style="list-style-type: none">• Which langages are spoken in our community?• Where do schools in other countries get their water from?	<ul style="list-style-type: none">• Write about your local river using community languages. Present SuDS design ideas to community members who don't speak English as a first language. Talk to schools in other countries about their local river and water supply.
Music	<ul style="list-style-type: none">• How is music inspired by water?• How can water related sounds be captured for use in music?	<ul style="list-style-type: none">• Write a water inspired song. Record and edit water related sounds. Upload a sound cloud online. Listen to music and research composers inspired by water. Investigate the significance of symbolic music and dance related to water including rain dances.
Art	<ul style="list-style-type: none">• What will the SuDS in our school look like?• How is water represented in art?	<ul style="list-style-type: none">• Draw artistic impressions of SuDS desgns to present to stakeholders. Photograph local sources of water. Use water as inspiration for art work. Research artists inspired by water. Use water related natural materials for drawing and printing.