



## Outdoor Learning Scheme of Work

### Intent



At New Seaham Academy, we have a strong ethos for outdoor learning and believe that it gives all children an opportunity to be successful away from the classroom. Using the woodland and wetland areas within the school grounds, children learn life skills and are able to use these in real life scenarios. Children are exposed to natural environments enabling them to gain an understanding and respect for the natural world and all that lives within it.

### The aims of the outdoor learning scheme of work are:

- To build self confidence
- To encourage creativity
- To build resilience
- To become independent
- To encourage collaboration
- To develop ideas of risk and risk management
- To solve problems
- To improve children life skills and experiences

KS1 - Objectives	Possible activities
<p><b><u>Knives</u></b></p> <ul style="list-style-type: none"> <li>• To learn how to hold a knife safely.</li> <li>• To learn the parts of a knife (blade, cover, handle).</li> <li>• To learn how to pass a knife safely.</li> <li>• To use a knife safely when cutting string and twine.</li> <li>• To use knives to sharpen a stick to a point.</li> <li>• To carve for small amounts of time using the correct grip.</li> </ul> <p><b><u>Hammers</u></b></p> <ul style="list-style-type: none"> <li>• To know the correct grip when holding a hammer.</li> <li>• To know how to pass a hammer safely.</li> <li>• To hammer a nail into a piece of wood using the correct grip and technique.</li> <li>• To learn to safely remove a nail from a piece of wood using the 'claw' of the hammer.</li> </ul> <p><b><u>Fire/Outdoor Cooking</u></b></p> <ul style="list-style-type: none"> <li>• To understand the rules of the safety circle around the fire pit.</li> <li>• To understand how to build an effective fire.</li> <li>• To improve confidence using a flint and steel to create a spark.</li> <li>• To understand how to make a simple fire using the correct materials safely.</li> <li>• To prepare and cook simple foods using fire pit.</li> </ul>	<p><b>Knife safety session.</b>  Making tent pegs with sharpened sticks.  Making a 'stick man' using knives and twine.  Make a raft or fishing rod using sticks and twine.</p> <p><b>Hammer safety session.</b>  Making a 'stick man' using hammers and nails.  Making the NSA logo on your own pegboard with twine, hammers and nails.  Creating star patterns using coloured wool by weaving between nails.</p> <p><b>Fire safety session.</b>  Creating a spark using the flint and steel with a partner.  Gathering wood for the fire.  Building own fire pit with sticks and stones - <b>not to be lit.</b>  Toasting marshmallows (<b>check dietary requirements</b>).  Preparing hot chocolate using the Kelly kettle (<b>check dietary requirements</b>).</p>

### Wetlands

- To learn to use the wetlands area and equipment safely.
- To describe the characteristics of the wetland area.
- To develop understanding of wetlands as an ecosystem.
- To observe different creatures in the wetland area, using simple equipment.
- To safely transfer creatures from nets, trays and pots using equipment safely.

### **Wetland safety session.**

Pond dipping with nets and white trays, observing creatures.

Wetland area scavenger hunt.

Observe and record using tally charts, simple tables etc.

Use pictures and charts to name different pond life.

Use sea scopes to observe creatures within the pond habitat.

KS2 - Objectives	Possible activities
<p><b><u>Knives</u></b></p> <ul style="list-style-type: none"> <li>• To explain how to hold a knife safely.</li> <li>• To identify and describe the parts of a knife (blade, cover, handle).</li> <li>• To fluently demonstrate how to pass a knife safely when working collaboratively.</li> <li>• To demonstrate the correct grip and technique when using a knife for any purpose, including carving, sharpening and cutting string/twine.</li> <li>• To carve for increasingly longer amounts of time safely using the correct grip.</li> </ul> <p><b><u>Hammers</u></b></p> <ul style="list-style-type: none"> <li>• To demonstrate and explain the correct grip when holding a hammer.</li> <li>• To consistently demonstrate how to pass a hammer safely.</li> <li>• To accurately hammer nails into logs, trees and other pieces of wood by consistently using the correct techniques.</li> <li>• To consistently demonstrate how to safely remove a nail from a piece of wood using the 'claw' of the hammer.</li> </ul> <p><b><u>Fire/Outdoor Cooking</u></b></p> <ul style="list-style-type: none"> <li>• To explain the rules of the safety circle around the fire pit.</li> </ul>	<p><b>Knife safety session.</b>          Making bows and arrows with knives/twine.          Making spears from sharpened sticks.          Make a raft with reinforced trusses from with knives, twine and hammers.</p> <p><b>Hammer safety session.</b>          Using hammers and nails to secure and reinforce structures when den building.          Creating names using hammers and nails and wrapping with twine.          Creating a range of patterns using coloured wool by weaving between nails.</p> <p><b>Fire safety session.</b>          Creating a spark using the flint and steel to light kindling  <b>(Adult supervision at all times)</b></p>

- To understand and explain how to build an effective fire.
- To securely use a flint and steel to create a spark.
- To make a simple fire using the correct materials under adult supervision.
- To prepare and cook outdoors using a range of equipment safely.

### Wetlands

- To explain how to use the wetlands area and equipment safely.
- To describe the characteristics of the wetland ecosystem and explain how to conserve the habitat/wildlife.
- To observe and record different creatures in the wetland area, using a range of equipment effectively.
- To safely transfer creatures from nets, trays and pots using a range of equipment fluently.

Gathering and arranging wood within the fire pit to create an effective fire.

Constructing own grills using sticks and tin foil.

Cooking bread dough on a stick over the fire (**check dietary requirements**).

Use miniature grills to prepare and cook sausages safely (**check dietary requirements**).

### **Wetland safety session.**

Pond dipping with nets and white trays, magnifying pots/glasses etc. observing creatures.

Use classification keys to identify a range of creatures.

Observe and record using tables, graphs and diagrams.

Create own classification keys to identify and sort a range of pond life.

Use sea scopes to observe creatures and independently focus the lens.