

Outdoor Learning Progression of Skills

ACTIVITY	RUBY CLASS	EMERALD CLASS	SAPPHIRE CLASS	DIAMOND CLASS
TREE CLIMBING	1: 1 guidance. jumping out with support No climbing above 1m.	1: 1 guidance. jumping out with support No climbing above 1m.	1: 1 guidance available. Adult supervision at all times. No climbing above 2m. Jumping out from no higher than 1 m.	Climb independently. Adult supervision at all times. Jumping out from no higher than 2 m.
TOOLS	Use a Bow Saw to make a tree cookie. Peelers. Fire steels. Mallet. Hammer	Use Secateurs for shelter building and thinning of woodland. Use veg. peelers for developing pre-whittling skills. Hand saw. Palm drills. Hammer.	Use Loppers and pruning saw for thinning etc. Use Hand/Palm drills. Hammer.	Use Fixed Blade Knives for whittling – adult support Hammer.
ORIENTEERING	Tracking Walking Boundaries	Know North, South, East and West. Make a plan of the site using natural objects.	Use a compass. Complete an orienteering course. ID animal tracks.	Design their own orienteering course. Mapping: OS Maps, drawing their own and use grid references.
RISK ASSESSMENT	Know the signals to return to base: whistle for emergency, call any other time. Hand washing before eating. Know the boundary of the site.	Know what risks there are in each layer of the Woodland Set boundaries of site. Find hazards themselves and identify them to the class.	Know how to build structures safely. Understand risks linked to cooking. Understand risks when tree climbing. Know basic first aid. Practice and role play emergency procedure.	Consolidate all prior knowledge.

	<p>Know where the ditch is and that at times it can fill with water.</p> <p>Know how to use a range of tools safely.</p> <p>Know how to drag large logs.</p>	<p>Know how to use a range of tools safely.</p> <p>Know which plant species are poisonous.</p>		
WOODLAND MANAGEMENT	<p>Know the different layers of the woodland: Canopy, Shrub, Field, and Ground.</p> <p>Identify woodland animals: Deer, Squirrel</p> <p>Identify Plants: Holly, Bracken, Bramble/Nettles, Oak Tree, Bluebells</p>	<p>Identify Birds: Pheasant, Buzzard, and Woodpecker</p> <p>Identify trees: Ash, Beech, Silver Birch</p>	<p>Use secateurs and pruning saws to thin woodland Plant trees</p> <p>Identify fungi</p>	<p>Coppice Chestnut and Hazel Identify orchids, primroses etc (see handbook for species)</p>
FIRE LIGHTING	<p>Collect correct wood: tinder, kindling, bigger sticks, branches, logs.</p> <p>Practise using Sparkers</p> <p>Make a fire pit Know how to extinguish a fire.</p> <p>Fire safety awareness/play fire safety games.</p>	<p>Know the 3 elements that keep a fire lit: oxygen, fuel, spark</p> <p>Learn different shapes of fires.</p>	<p>Make a miniature fire in a Scallop shell and keep it going.</p> <p>Help with main fire</p> <p>Introduce cooking</p>	<p>Make larger fires independently.</p> <p>Cook a range of foods</p>
DENS	<p>Make mini dens for animals, or elves and ensure it is waterproof.</p> <p>Make class den by rolling heavy wood using co-operation.</p>	<p>Make group dens using a 'Lean to' style.</p> <p>Make Tipi style dens.</p>	<p>Independent building of previous types.</p> <p>Use tarpaulins to build dens.</p>	<p>Benders</p>

KNOTS	Larks foot	Timber hitch	Use a Reef Knot, Granny knot, Overhand knot and Timber Hitch knot.	Use a Clove Hitch knot Use Square lashing and ask to learn other knots independently.
COOKING	Toasting marshmallows	Bread – flat and dampers Chocolate/marshmallow s'mores	Ash cakes Wild food fritters Brownie Stuffed Oranges	Hazel macarons Tortilla pancakes Popcorn