

Outdoor Learning Curriculum Intent: Key Stage 3 2024 - 2025

At Compass School, the Outdoor Learning Curriculum Intent provides pupils with the skills and knowledge they need to be creative, innovative and problem solvers. It also encourages pupils to develop a love of nature, the outdoors, sustainable practices and an awareness of our environment.

Outdoor Learning also provides valuable experiences that enhances our pupils personal, social, and academic development with a focus on the development of social skills such as collaboration, communication, team work and leadership as well as resilience and perseverance

By the end of Key Stage 3, pupils should have developed skills and knowledge that foster personal growth, teamwork, and an appreciation for the natural environment.

Skills and Knowledge Key Stage 2

Every half term, we ensure that we offer cross curricular (Cc) opportunities to our pupils as well as covering Social, Moral, Spiritual and Cultural (SMSC) elements.

These are detailed below using the following codes, enabling us to track what is delivered in each subject:

Cross Curricular links include: M (Maths), Eng (English), Sc (Science), PS (PSHE), FT (Food Tech), CR (Craft), AD (Art & Design), C (Computing), G (Geography), H (History), En (Engineering), R (Reading), Ec (Economics)

SMSC Links include: B (British Values), Sp (Spiritual aspects), M (Moral aspects), So (Social aspects), C (Cultural aspects), R (Religious aspects), Rel (Relationships), P (Prevent), E (E-Safety), I (Individual Advice & Guidance & Careers), H (Healthy Lifestyle including wellbeing).

	Key Stage 3 Topics	Key Stage 3 Skills	Key Stage 3 Knowledge
HT1	<p>Wooden Shelf Construction</p> <p>SMSC - So, I, Rel</p> <p>Cc – CR, Eng, Sc, M, AD, C, R</p>	<p>Research</p> <p>Communication</p> <p>Problem-solving</p> <p>Designing</p> <p>Measuring</p> <p>Sawing</p> <p>Joining</p> <p>Chiselling</p> <p>Sanding</p> <p>Drilling</p> <p>Building/Assembly</p> <p>Painting</p>	<p>To have an awareness of and abide by health and safety guidelines</p> <p>To be able to follow instructions</p> <p>To be able to implement safety measures when using tools and working with wood</p> <p>To have an understanding on measurements, cutting techniques, and assembly</p> <p>To be able to plan a project from start to finish</p> <p>To be able to design a shelf that meets your specific needs and space constraints</p> <p>To be able to learn and apply basic carpentry skills</p> <p>To be able to overcome design and construction challenges (like uneven walls or weight distribution) and find solutions</p> <p>To understand the importance of precision in measuring and cutting for a successful build</p> <p>To be able to gain experience with sanding, painting, or staining to enhance the shelf's appearance</p> <p>To have an awareness of and abide by health and safety guidelines</p> <p>To be able to follow instructions</p> <p>To be able to implement safety measures when using tools and working with wood</p>
Half Term	Key Stage 3 Topics	Key Stage 3 Skills	Key Stage 3 Knowledge
HT2	<p>Planter Boxes Construction Including Horticulture</p> <p>SMSC - So, I, Rel</p> <p>Cc – CR, Eng, Sc, M, AD, C, R</p>	<p>Research</p> <p>Communication</p> <p>Problem-solving</p> <p>Designing</p> <p>Measuring</p> <p>Teamwork</p> <p>Digging</p> <p>Planting</p> <p>Trimming/Cutting</p> <p>Building/Assembly</p> <p>Sanding</p> <p>Co-ordination</p>	<p>To be able to follow instructions</p> <p>To be able to implement safety measures when using tools and working with wood</p> <p>To have an awareness of and abide by health and safety guidelines</p> <p>To have an understanding climate conditions and how they affect plants</p> <p>To be able to identify local flora and fauna and have a basic understanding of conservation</p> <p>Be able to identify a range of plants and vegetables</p> <p>To be able to plant, grow and care for a range of plants and vegetables</p> <p>To have an awareness of a range of seasonal vegetables, what time of year to plant them and the conditions they grow in</p> <p>To have a basic understanding of sustainability</p> <p>To be able to use a range of tools safely and identify the appropriate tool to use for the task</p>
Half Term	Key Stage 3 Topics	Key Stage 3 Skills	Key Stage 3 Knowledge

HT3	<p>Garden Bench Project</p> <p>SMSC - So, I, Rel</p> <p>Cc – CR, Eng, Sc, M, AD, C, R</p>	<p>Research</p> <p>Communication</p> <p>Problem-solving</p> <p>Designing</p> <p>Measuring</p> <p>Joining</p> <p>Sanding</p> <p>Drilling</p> <p>Building/Assembly</p> <p>Painting</p>	<p>To be able to follow instructions</p> <p>To be able to implement safety measures when using tools and working with wood</p> <p>To have an awareness of and abide by health and safety guidelines</p> <p>To be able to learn and apply basic carpentry skills</p> <p>To have an understanding of dimensions and ensuring stability and comfort</p> <p>To be able to use different methods of joining wood, such as screws, dowels, or pocket holes</p> <p>To be able to overcome challenges, such as uneven ground or design adjustments during construction and find solutions</p> <p>To implement safety measures when using tools and working with wood</p> <p>To apply attention to detail and patience as you work through the project</p> <p>To have an understanding of design options, including styles and decorative elements that enhance the bench</p>
Half Term	Key Stage 3 Topics	Key Stage 3 Skills	Key Stage 3 Knowledge
HT4	<p>Wooden Bird Box Project</p> <p>SMSC - So, E, I</p> <p>Cc – CR, Eng, Sc, M, AD, C, R</p>	<p>Research</p> <p>Communication</p> <p>Problem-solving</p> <p>Designing</p> <p>Measuring</p> <p>Sawing</p> <p>Joining</p> <p>Chiselling</p> <p>Sanding</p> <p>Drilling</p> <p>Building/Assembly</p> <p>Painting</p> <p>Varnishing</p> <p>Reviewing and Improve Project</p>	<p>To be able to implement safety measures when using tools and working with wood</p> <p>To be able to follow instructions</p> <p>To have an awareness of and abide by health and safety guidelines</p> <p>To be able to use a range of tools safely and identify the appropriate tool to use for the task</p> <p>Be able to review and improve own performance</p> <p>To have an awareness of and abide by health and safety guidelines</p> <p>To understand the importance of precision in measuring and cutting for a successful build</p> <p>To research types of birds, their nesting habits, preferences, and what materials they need</p> <p>To be able to plan and apply attention to detail, understanding the value of patience in crafting something well-made</p>
Half Term	Key Stage 3 Topics	Key Stage 3 Skills	Key Stage 3 Knowledge
HT5	<p>Recycled Boat</p> <p>SMSC - So, I, Rel</p> <p>Cc – CR, Eng, Sc, M, AD, C, R</p>	<p>Research</p> <p>Communication</p> <p>Problem-solving</p> <p>Designing</p> <p>Measuring</p> <p>Joining</p> <p>Recycling</p> <p>Building/Assembly</p> <p>Improving/Refining Design</p>	<p>To have an awareness of and abide by health and safety guidelines</p> <p>To be able to follow instructions</p> <p>To be able to implement safety measures when using tools</p> <p>To be able to learn about buoyancy, weight distribution, and the physics of floating, which are crucial in boat design</p> <p>To be able to identify and source suitable recycled materials</p> <p>To have an understanding on critical thinking and adaptability</p> <p>To be able to plan the project, manage time, and coordinate tasks</p> <p>To improve teamwork and communication skills, learning to share ideas and resolve differences</p> <p>To gain insights into recycling and repurposing materials, understanding their environmental benefits and impact</p>
Half Term	Key Stage 3 Topics	Key Stage 3 Skills	Key Stage 3 Knowledge
HT6	<p>Quad Maintenance and Horticulture Project</p> <p>SMSC - So, I, Rel</p> <p>Cc – CR, Eng, Sc, M, AD, C, R</p>	<p>Research</p> <p>Communication</p> <p>Problem-solving</p> <p>Designing</p> <p>Measuring</p> <p>Pruning</p> <p>Gardening</p> <p>Joining</p> <p>Drilling</p> <p>Building/Assembly</p> <p>Trimming/Cutting</p>	<p>To have an awareness of and abide by health and safety guidelines</p> <p>To be able to follow instructions</p> <p>To be able to implement safety measures when using tools</p> <p>To learn about different plants, their needs for sunlight, water, and nutrients, and how to recognize signs of stress or disease</p> <p>To have an understanding on soil types, pH, and composting will teach you how to enrich soil for healthier plants</p> <p>To develop skills in proper pruning techniques to encourage growth and shape plants effectively</p> <p>To be able to identify and manage weeds, including preventive measures and manual removal techniques</p>