

YEAR 7				YEAR 8		YEAR 9		
Autumn 1			Autumn 1			Autumn 1		
Teamwork and communication skills			Introduction to electrical circuits, components and soldering.			Health and safety in the workplace		
Intent	Implementation	Impact	Intent	Implementation	Impact	Intent	Implementation	Impact
To identify rules of effective communication and demonstrate effective use of communication skills	Students will agree upon a set of communication rules that aid effective communication and demonstrate these in a variety of speaking and listening activities, debates and team building games	Students will know how best to communicate with peers and staff that will aid progress and communication in all areas of the school	To explore electrical circuits, components and effective and safe use of tools when conducting soldering activities	A mixture of theory based exercises and practical tasks using tools and materials to build nightlights from scratch whilst developing an understanding of component that's are used in a variety of electrical equipment	Students will have a better knowledge of how electrical items work and what tools can be used to repair and build electrical circuits	To explore the Health and safety at work Act, how that effects everyone and what procedures to follow in emergencies and school procedures and equipment relating to Health and Safety in the work place	Students will access independent work and group discussions. Differentiated written tasks and conducting own research. Students will demonstrate correct procedures to follow for some areas of learning such as CPR and manual handling	Students will have a deeper awareness and knowledge of how health and safety affects everyone and how its helps to keep people safe in the workplace



Autumn 2			Autumn 2			Autumn 2		
Planting bulbs			Technical drawing and CAD			Painting and decorating		
Intent	Implementation	Impact	Intent	Implementation	Impact	Intent	Implementation	Impact
To identify different varieties of bulbs, develop an awareness that not all plant life grows from seed and how bulbs are used for decoration, medicinally and in culinary uses	Through variety of differentiated tasks through theory and practical tasks students will develop their understanding of bulbs and demonstrate effective use of tools to follow correct procedure when planting bulbs for decoration and culinary uses	Students will know how to identify flowers from different bulbs, their life cycle and how to grow their own bulbs to potentially be able to grow their own food	To explore and use a variety of technical drawing techniques and computer software for computer aided design	Students will attempt to complete drawing tasks using a variety of techniques which use a variety of drawing apparatus. These drawings will then be used across and variety of software to complete both 2D and 3D computer aided designs	Students will be able to attempt design tasks in other units and subjects and access appropriate equipment to produce detailed and accurate designs using traditional drawing methods and current available software	To be able to identify what tasks need to be completed to redecorate an area of the school and know what tools, materials and equipment to use and demonstrate effective use of decorating equipment.	Through variety of differentiated tasks through theory and practical tasks students will develop their understanding of how to decorate. Students will complete the redecoration of an area of the school	Students will have an understanding of what tools, equipment and materials are need to complete decorating tasks which will help them at home and in the future giving confidence to decorate themselves to save money having to pay someone else to decorate for them



YEAR 7				YEAR 8		YEAR 9		
Spring 1				Spring 1		Spring 1		
Raised beds and trellises			Soap Box design and construction			Electrical circuits and components		
Intent	Implementation	Impact	Intent	Implementation	Impact	Intent	Implementation	Impact
To identify and explore the purpose of raised beds and trellises and know why the above are used to grow and variety of plants	A mixture of theory based exercises and practical tasks using tools and materials to build raised beds and trellises to grow a variety of plants in/on	Students will know that some plants require different growing environments which will aid their progress towards accreditation in key stage 4	To explore what effects speed and how best to build a strong working soap box to compete in the soap box derby	A mixture of theory based exercises and practical tasks using tools and materials to models of steering racks and chassis and identify what factors will affect our ability to compete in the soap box derby	Students will have a better knowledge of structures and methods of construing vehicle to ensure good cornering, braking and overall strength and an awareness of how different materials can be used to their best attributes	To explore electrical circuits, components and effective and safe use of tools when conducting soldering activities	A mixture of theory based exercises and practical tasks using tools and materials to build nightlights from scratch whilst developing an understanding of component that's are used in a variety of electrical equipment	Students will have a deeper knowledge, expanding on the year 8 unit, of how electrical items work and what tools can be used to repair and build electrical circuits



Spring 2		Spring 2			Spring 2			
An introduction painting and decorating		Soap Box design and construction			Park Maintenance			
Intent	Implementation	Impact	Intent	Implementation	Impact	Intent	Implementation	Impact
To be able to identify what tasks need to be completed to redecorate an area of the school and know what tools, materials and equipment to use and demonstrate effective use of decorating equipment.	Through variety of differentiated tasks through theory and practical tasks students will develop their understanding of how to decorate. Students will complete the redecoration of an area of the school	Students will have an understanding of what tools, equipment and materials are need to complete decorating tasks which will help them at home and in the future giving confidence to decorate themselves to save money having to pay someone else to decorate for them	To explore what effects speed and how best to build a strong working soap box to compete in the soap box derby	A mixture of theory based exercises and practical tasks using tools and materials to models of steering racks and chassis and identify what factors will affect our ability to compete in the soap box derby	Students will have a better knowledge of structures and methods of construing vehicle to ensure good cornering, braking and overall strength and an awareness of how different materials can be used to their best attributes	To identify why parks are important to communities, what land based sectors are involved in maintaining a park and to conduct park maintenance	A mixture of theory based exercises and practical tasks students will work at a local park to help maintain the park using a variety of tools and equipment whilst identifying various land based sectors and job roles that are associated with maintaining a park.	A better understanding and deeper knowledge of various land based sectors which will aid achievement of accreditation in Key stage 4



YEAR 7			YEAR 8			YEAR 9			
Summer 1			Summer 1			Summer 1			
	Growing plants		Soap b	Soap box design and construction			Park Maintenance		
Intent	Implementation	Impact	Intent	Implementation	Impact	Intent	Implementation	Impact	
To explore and understand different seed sowing techniques, growing mediums and growing requirements for growing plants. To identify and demonstrate	A mixture of theory based exercises and practical tasks using tools and materials to explore different sowing techniques and how best to provide suitable growing requirements for a variety of seeds both flower and food produce.	A better understanding and deeper knowledge of various seed sowing techniques which will aid achievement of accreditation in Key stage 4 as well as the possibility of pupils growing food for themselves and their community or family	To explore what effects speed and how best to build a strong working soap box to compete in the soap box derby	A mixture of theory based exercises and practical tasks using tools and materials to models of steering racks and chassis and identify what factors will affect our ability to compete in the soap box derby	Students will have a better knowledge of structures and methods of construing vehicle to ensure good cornering, braking and overall strength and an awareness of how different materials can be used to their best attributes	To identify why parks are important to communities, what land based sectors are involved in maintaining a park and to conduct park maintenance	A mixture of theory based exercises and practical tasks students will work at a local park to help maintain the park using a variety of tools and equipment whilst identifying various land based sectors and job roles that are associated with maintaining a park.	A better understanding and deeper knowledge of various land based sectors which will aid achievement of accreditation in Key stage 4	



Summer 2			Summer 2		Summer 2		
Mini enterprise project		Soap box design and construction			A1 Being organised		
Intent Intent	Intent	Intent	Implementation	Impact	Intent	Implementation	Impact
To create an enterprise project idea and identify consumables and predict expenditure and profit. Carry out enterprise idea. Carry out enterprise idea. A mixture of theory based exercises and practical tasks using tools and materials to carry out enterprise idea working as a team to generate mone to spend on vouchers	expenditure based on research to carry out ideas to earn money.	To explore what effects speed and how best to build a strong working soap box to compete in the soap box derby	A mixture of theory based exercises and practical tasks using tools and materials to models of steering racks and chassis and identify what factors will affect our ability to compete in the soap box derby	Students will have a better knowledge of structures and methods of construing vehicle to ensure good cornering, braking and overall strength and an awareness of how different materials can be used to their best attributes	To explore various organisation techniques that can be implemented during the first assessment piece towards completing accreditation .		