

Hawkesley Church Primary Academy

'let your light shine'
Matthew 5:16



DT Curriculum

Curriculum impact in Make

Progression in Make

EYFS		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design texture, form and function</p>	<p>Making <i>KS1 Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.</i></p> <p><i>KS2 Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</i></p>	<ul style="list-style-type: none"> Choose appropriate resources and tools. Use own ideas to make something. Make a product which moves. 	<ul style="list-style-type: none"> Choose tools and materials and explain why they have chosen them. Join materials and components in different ways. Measure materials to use in a model or structure. 	<ul style="list-style-type: none"> Follow a step-by-step plan, choosing the right equipment and materials. Select the most appropriate tools and techniques for a given task. Make a product which uses both electrical and mechanical components. Work accurately to measure, make cuts and make holes. Work accurately to measure, make cuts and make holes. 	<ul style="list-style-type: none"> Know which tools to use for a particular task and show knowledge of handling the tool. Know which material is likely to give the best outcome. Measure accurately. 	<ul style="list-style-type: none"> Use a range of tools and equipment competently. Make a product that relies on pulleys or gears. Make a prototype before making a final version. 	<ul style="list-style-type: none"> Know which tool to use for a specific practical task. Know how to use any tool correctly and safely. Know what each tool is used for. Explain why a specific tool is best for a specific action.

Whole School

Nursery



Nursery expectation:
Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design texture, form and function

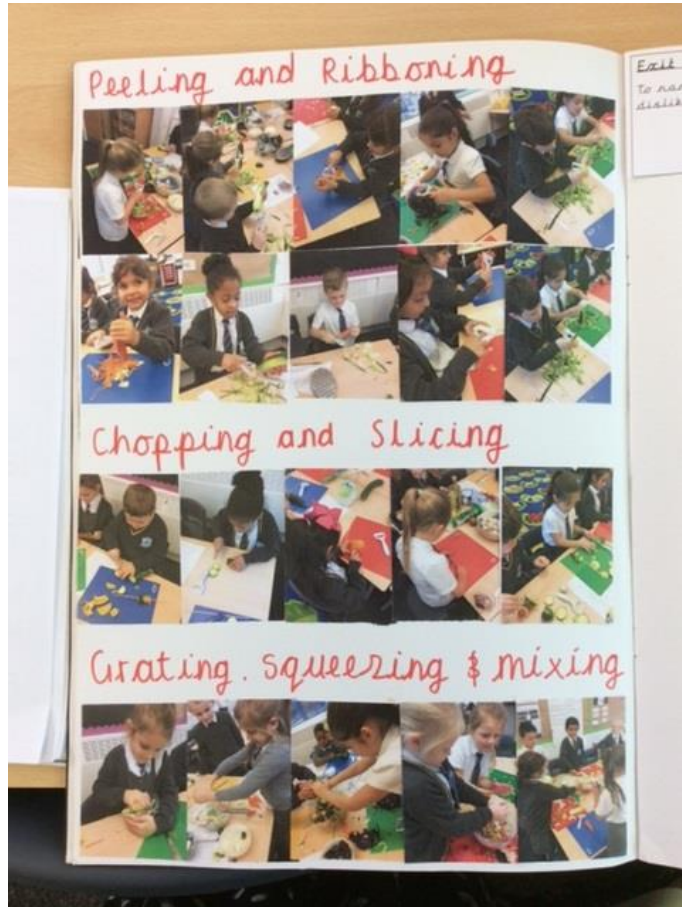
Reception



Reception expectation:

Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design texture, form and function

Year 1




Year 1 expectation:
Cut food safely
Use own ideas to make something.

Year 2


Make

Do now: Explain the terms wheel, axle and chassis. Explain the difference between fixed axles and rotating axles and identify their applications. What part of the car is made of plastic? Why is the car made of plastic? Why is the wheel made of plastic?


	R	G
Ali (Axle)		25/28
Mait		(2.1)
Karby		



Fixed wheel



Different wheel sizes for better mobility and stability

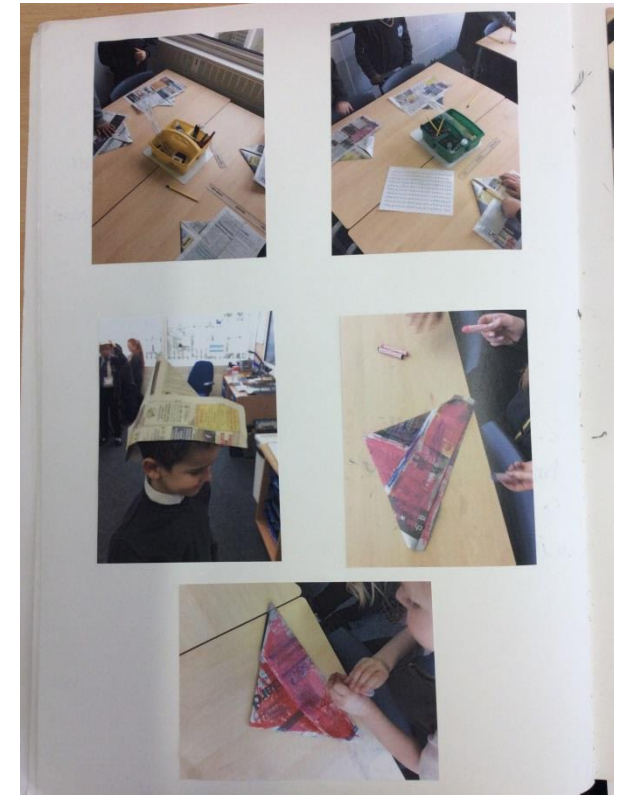


"My axles and wheels are even and strong."
"They are fixed to the axle." - Ali

Exit Ticket: Identify the advantages and disadvantages of using multiple axles, large wheels or small wheels.

Multiple axles will mean bigger you have more wheels and bigger wheels keep the car if the ground is uneven.

	R	G
Agiled		27/28 (2.1)



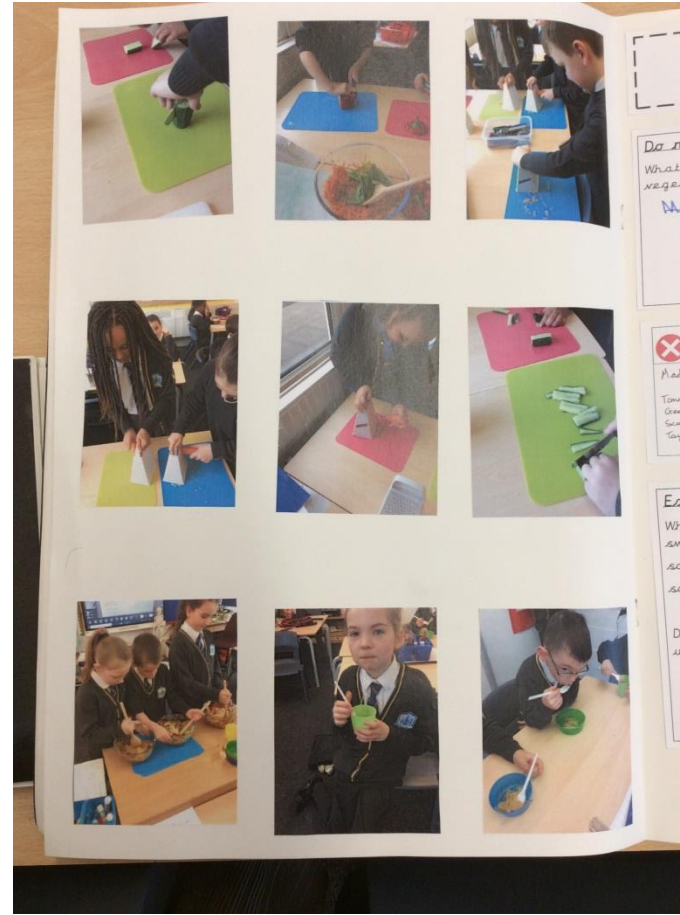
Year 2 expectation:

Choose tools and materials and explain why they have chosen them.

Join materials and components in different ways.

Measure materials to use in a model or structure.

Year 3



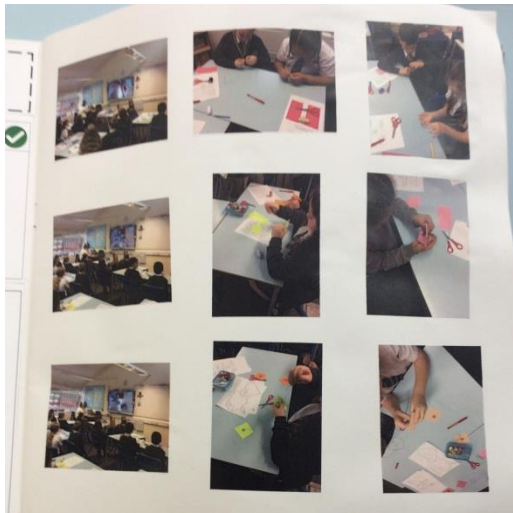
Year 3 expectation:

Describe how food ingredients come together. Weigh out ingredients and follow a given recipe to create a dish. Talk about which food is healthy and which food is not.

Follow a step-by-step plan, choosing the right equipment and materials.

Select the most appropriate tools and techniques for a given task.

Year 4



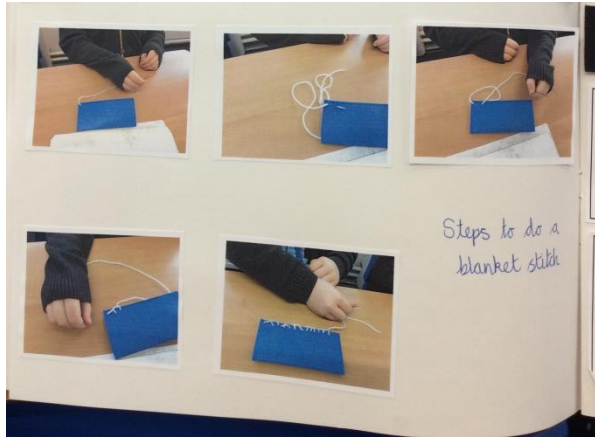
Year 4 expectation:

Know which tools to use for a particular task and show knowledge of handling the tool.

Know which material is likely to give the best outcome.

Measure accurately.

Year 5



Year 5 expectation:

- Use a range of tools and equipment competently.
- Make a product that relies on pulleys or gears.
- Make a prototype before making a final version.

Year 6



Year 6 expectation:

Explain how food ingredients should be stored and give reasons. Work within a budget to create a meal. Understand the difference between a savoury and sweet dish.

Know which tool to use for a specific practical task.

Know how to use any tool correctly and safely.

Know what each tool is used for.

Explain why a specific tool is best for a specific action.