

| select tools and <br> techniques needed <br> to shape, assemble <br> and join materials <br> they are using. | explore and evaluate a range of <br> existing products. <br> evaluate their ideas and products <br> against design criteria. |
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| safely use and <br> explore a variety of <br> materials, tools and <br> techniques, | build structures, exploring how they <br> can be made stronger, stiffer and more <br> stable. |
| experimenting with <br> design, form and <br> function. | explore and use mechanisms [for <br> example, levers, sliders, wheels and <br> axles], in their products. |
| create simple <br> representations of <br> objects. | use the basic principles of a healthy <br> and varied diet to prepare dishes. |
| use what they have |  |
| learnt about media |  |$\quad$| understand where food comes from. |
| :--- |
| and materials in <br> original ways, <br> thinking about uses <br> and purposes. |

understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors].
apply their understanding of computing to program, monitor and control their products
understand and apply the principles of a healthy and varied diet.
prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.
understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.


|  | join different materials and explore different textures. <br> use one-handed tools and equipment, for example, making snips in paper with scissors; <br> develop their fine motor skills so that they can use a range of tools competently, safely and confidently; <br> make with wood, using the appropriate tools; <br> use measuring cups accurately to make playdo, salt dough and bread. | Practical skills and techniques <br> learn to use hand tools and kitchen equipment safely and appropriately and learn to follow hygiene procedures. <br> follow a <br> pattern / <br> template to create a model. <br> learn different techniques to assemble, join and combine materials and components. <br> learn how to effectively cut different materials to create a model or picture (such as a whole class mixed media collage), manipulating fabrics in simple ways. | learn to use hand tools and kitchen equipment safely and appropriately and learn to follow hygiene procedures. <br> measure and mark out items to make a model using the most appropriate resources (ruler, tape measure etc). <br> revisit, revise and develop techniques from Year 1. <br> skilfully demonstrate how to cut, shape and join fabric to make a simple product. <br> manipulate fabrics | and equipment safely. Learn to follow hygiene procedures (Pizza) <br> With growing independence, measure and mark out to the nearest cm and millimetre (Pizza) <br> Cut and shape materials with some degree of accuracy; (Pizza + Sewing) <br> Assemble, join and combine materials with some degree of accuracy; (Pizza + Sewing) <br> Demonstrate how to measure, cut, shape and join fabric with some accuracy to make a simple product; (Sewing) <br> Join fabrics together using simple stitches | Follow a <br> recipe/method in a <br> systematic order <br> (CAMS) <br> Use a range of tools <br> and equipment safely. <br> Reinforce knowledge of hygiene procedures (Biscuits) <br> Use a wider range of materials and components, including construction materials and mechanical components (CAMS) <br> With growing independence, measure and mark out to the nearest cm and millimetre (Biscuits and CAMS) | Create step-by-step plans as a guide to making (Sewing + bread+soup) <br> Learn to use a range of tools and equipment safely and appropriately and follow hygiene procedures (Bread+soup) <br> Independently take exact measurements and mark out, to within 1 millimetre/gram (Bread+soup) <br> Cut a range of materials with precision and accuracy (Sewing) <br> Assemble, join and combine materials using a range of techniques such as stitching with accuracy (Sewing) <br> Demonstrate how to measure, make a seam | and appropriately and follow hygiene procedures (Pies) <br> Independently take exact measurements and mark out, to within 1 millimetre/gram (Fairground rides and pies) <br> Use a full range of materials and components, including construction materials and mechanical components (Fairground rides) <br> Cut a range of materials with precision and accuracy (Fairground rides) <br> Shape and score materials witl precision and accuracy; <br> Assemble, join and combine materials and components with accuracy (Fairground rides) <br> Refine the finish using techniques to improve the appearance of their product, such as sanding (Fairground rides) |
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## The Federation of Stoke Hill School






The Federation of
Stoke Hill Schools

|  | EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C | Children can: <br> make healthy choices about food and drink. <br> prepare and cook recipes linked to the relevant topic and area of learning. <br> talk about the different factors that support their overall health and wellbeing including healthy eating. | Children can: <br> talk about foods that are grown in the United Kingdom. | Children can: <br> explain where in the world different foods originate from. | Children can: | Children can: | Children can: | Children can: |
|  |  |  |  |  |  | know, explain and | know, explain and |
| O |  |  |  | where and how food is | to prepare and | that is grown (such as | that is grown (such |
|  |  |  |  | grown (such as herbs, | cook a variety of | pears, wheat and | pears, wheat and |
| O |  |  |  | tomatoes and strawberries) in the | dishes safely and hygienically | potatoes), reared (such as poultry and | potatoes), reared (such as poultry and |
|  |  |  | understand that all food | UK, Europe and the |  | cattle) and caught | cattle) and caught |
| K |  | understand that all food comes from plants or animals. | comes from plants or | wider world |  | (such as fish) in the | (such as fish) in the |
| I |  |  | animals |  | with support, use a heat source to cook | UK, Europe and the wider world | UK, Europe and the wider world |
|  |  |  | understand that food has | understand how to prepare and | ingredients showing awareness of the |  |  |
| N |  |  | to be farmed, grown elsewhere (e.g. home) or caught. | cook a savoury dish | need to control the temperature of the | With growing confidence, use a heat source to cook | understand about seasonality, how this |
| G |  |  |  |  | oven | ingredients showing awareness of the need to | affect the food availa and plan recipes |
| \& |  | name and sort foods |  | with support, use a heat source to cook | use a range of | control the temperature | and plan recipes according to seasona |
|  |  | into the | name and sort foods into | ingredients showing | techniques such | of the hob and/or oven |  |
|  |  | five groups. | the five groups in the Eatwell Guide. | awareness of the need to control the | as mashing, whisking, | understand about | understand that food is processed into |
| N |  | understand that |  | temperature of the | crushing, grating, | seasonality, how this may | ingredients that can |
|  |  | everyone should eat at least five portions | understand and explain why everyone should eat | hob oven | cutting, kneading and baking using | affect the food availability and plan recipes | be eaten or used in cooking |
| U |  | of fruit and | at least five portions of | use a range of | appropriate | according to seasonality | demonstrate how to |
|  |  | vegetables every day | fruit and vegetables | techniques such as | cooking utensils |  | prepare and cook a |
| T |  | and start to explain why. | every day, discuss what a | mashing, whisking, | explain that a | understand that food is processed into | variety of predominantly |




Suggested learning, provocations and exploration ~

| EYFS | Y1 | Y2 | Y3 | Y4 | Y5 | Y6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Traditional tales with a twist ~ opportunities for cooking, designing and construction. <br> Group and individual woodwork projects. <br> Small groups working in the school kitchen, learning about the different appliances, finding out where the food comes from and how it is stored, observing and helping with | Taste different variety of apples grown in the UK and make apple juice. <br> Cook with different apples. <br> Group and class collage using a range of media. <br> Moving puppets. | Prepare and taste fruit and vegetables that are not grown in the United Kingdom. <br> Plan a 'dragons den' activity where children present their inventions to each other (Junior Dragons Den). <br> Design a model with axles and wheels. | Textiles (sewing) phone cases <br> Cooking - Pizza making | Mechanical systems CAMS <br> Cooking - biscuits | Textiles (sewing) stuffed creatures <br> Cooking - Bread and soup making | Mechanical systems Fairground rides <br> Cooking - pies |


| the preparation of the |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| lunches. | Group woodwork <br> sessions, building on <br> skills from Reception. | Design and make a <br> healthy lunchbox <br> with all food groups <br> considered. |  |  |
| Small groups working <br> in the school kitchen, <br> learning about the <br> different appliances, <br> Group woodwork <br> finding out where the <br> food comes from and <br> skills from Reception <br> and Year 1. <br> how it is stored, <br> observing and <br> helping with the <br> preparation of the <br> lunches. <br> in the school kitchen, <br> learning about the <br> different appliances, <br> finding out where the <br> food comes from and <br> how it is stored, <br> observing and <br> helping with the <br> preparation of the <br> lunches. |  |  |  |  |

