Whitehall Nursery
and Infant School

|  | Autumn 1 | Autumn 2 | Spring I | Spring 2 | Summer 1 | Summer 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Nursery | Marvellous Me <br> My unique identity People who help us Exploring Autumn | Let's Celebrate! Light and Dark | Winter Wonderland <br> What is winter? <br> Arctic animals | Let's explore <br> My house and my school Transport | Smile it's Spring <br> Down on the farm | Healthy Hearts Big blue sea |
| Driver |  |  |  |  |  |  |
| Content |  |  |  |  |  |  |
| Skills <br> Orange $=$ birth - <br> three years <br> Green $=3-4$ years | Make simple models which express their ideas. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. | Make simple models which express their ideas. <br> Use their imagination as they consider what they can do with different materials. <br> Explore different materials freely, to develop their ideas about how to use them and what to make. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. |
| Knowledge | Selecting appropriate resources <br> Using gestures, talking and arrangements of materials and components to show design. <br> Use contexts set by the teacher and myself. <br> Use language of design and making (join, stick, paste, build, longer, shorter etc) <br> Construct with a purpose using a variety of resources. <br> Use simple tools and techniques. <br> Build and construct with a wide range of objects. <br> Select tools to assemble and join. <br> Understand different media can be combined for a purpose. <br> Adapt work if necessary. <br> Consider and manage risks. <br> Talk about how things work. <br> Look at similarities and differences between existing objects. |  | Selecting appropriate resources <br> Using gestures, talking and arrangements of materials and components to show design. <br> Use contexts set by the teacher and myself. <br> Use language of design and making (join, stick, paste, build, longer, shorter etc) <br> Construct with a purpose using a variety of resources. <br> Use simple tools and techniques. <br> Build and construct with a wide range of objects. <br> Select tools to assemble and join. <br> Understand different media can be combined for a purpose. <br> Adapt work if necessary. <br> Consider and manage risks. <br> Talk about how things work. <br> Look at similarities and differences between existing objects. |  |  | Selecting appropriate resources <br> Using gestures, talking and arrangements of materials and components to show design. <br> Use contexts set by the teacher and myself. <br> Use language of design and making (cut, chop, slice, peel <br> etc) <br> Use simple tools and techniques. <br> Discuss how to make an activity safe and hygienic. <br> Adapt work if necessary. <br> Consider and manage risks. <br> Look at similarities and differences between existing objects. |


|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reception | Marvellous Me! | Starry Night | Snowflakes \& Sparkle! | Let's explore! | Smile it's Spring! | Feeling Hot, Hot, Hot! |
| Driver |  |  |  |  |  |  |
| Content |  |  |  |  |  |  |
| Skills | Make simple models which express their ideas. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. | Make simple models which express their ideas. <br> Use their imagination as they consider what they can do with different materials. <br> Explore different materials freely, to develop their ideas about how to use them and what to make. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. | Develop their own ideas and then decide which materials to use to express them. <br> Explore different materials, using all their senses to investigate them. Manipulate and play with different materials. <br> Join different materials and explore different textures. |
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|  | Autumn 2 | Spring 1 | Summer I |
| :---: | :---: | :---: | :---: |
| Year 1 | The Enchanted Woodland | Towers, Turets and Tunnels | Rio de Vida |
| Driver | Tidy by Emily Gravett <br> (4 weeks) <br> Three Billy Goats Gruff Little Witch Hazel <br> (3 weeks) | Rapunzel by Bethan Woollvin <br> Rapurizel | Grandad's Island |
| Content | Design a healthy lunch box for the troll. Making a sandwich or salad to practise food prep skills. <br> Design, build and evaluate a woodland home for a fairy/troll. Using hinges, testing adhesives and following a plan. | Building bridges. Research, design and build a bridge. Penny challenge-different types of bridges made from paper. | Weaving <br> Making chocolate cakes as part of the carnival celebration. |
| Skills | Imaginary and story based contexts Categorise healthy/unhealthy food and understand that food diversity is important. <br> Testing suitability of materials. <br> Food preparation, learning how to use a knife safely and looking at the different cutting skills such as chopping and slicing. | Building structures, exploring how they can be made stronger, stiffer and more stable. <br> Design purposeful, functional, appealing products for themselves and other users based on design criteria <br> Generate, develop, model and communicate their ideas through talking, drawing, templates, mockups and, where appropriate, information and communication technology <br> Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] <br> Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteris- tics <br> Explore and evaluate a range of existing products. Evaluate their ideas and products against design criteria | Prepare a simple dish hygienically and safely. Introduction of how to use an oven safely. <br> Food preparation introducing skills such as sifting, and whisking. <br> Understand where the ingredients used comes from e.g flour/eggs/milk/cocoa <br> Selecting from a wide range of materials such as textiles. Understanding which materials would be more suitable for weaving. Which materials would make an effective finished product. |
| Knowledge | I have my own ideas and can explain what I want to <br> do. <br> I can use pictures and words to plan my design <br> I can design a product for myself following a design criteria. <br> I can research similar existing products. I can explain what I am making and why. I can consider what I need next. <br> I can select tools/equipment to cut, join, shape finish and explain my choices. <br> I can measure, mark out and cut with support. <br> I can choose suitable materials and explain my choices, <br> I can work in a safe and hygienic manner. <br> I can talk about my work, linking it to what I was asked to do. <br> I can talk about existing products and say what is and isn't good about them. <br> I can talk about things that other people have made, <br> I can begin to talk about what could make a product better. | I have my own ideas and can explain what I want to <br> do. <br> I can explain what my product is for and how it will work. <br> I can use pictures and words to plan my design I can design a product for myself following a design criteria. <br> I can research similar existing products. I can explain what I am making and why. I can consider what I need next. <br> I can select tools/equipment to cut, join, shape finish and explain my choices. <br> I can measure, mark out and cut with support. <br> I can choose suitable materials and explain my choices, <br> I can talk about my work, linking it to what I was asked to do <br> can talk about existing products and say what is and isn't good about them. <br> I can talk about things that other people have made, <br> I can begin to talk about what could make a product better. | I have my own ideas and can explain what I want to <br> do. <br> I can explain what my product is for and how it will work. <br> I can use pictures and words to plan my design I can design a product for myself following a design criteria. <br> I can research similar existing products. <br> I can explain what I am making and why. I can consider what I need next. <br> I can select tools/equipment to cut, join, shape finish and explain my choices. <br> I can measure, mark out and cut with support. I can choose suitable materials and explain my choices, <br> I can talk about my work, linking it to what I was asked to do. <br> can talk about existing products and say what is and isn't good about them. <br> I can talk about things that other people have made, <br> I can begin to talk about what could make a product better. |


|  | Autumn 2 | Spring 1 | Summer 1 | Summer 2 |
| :---: | :---: | :---: | :---: | :---: |
| Year 2 | The Street Detectives | The Scented Garden | Animal Survival | Let's Explore the Wold |
| Driver | Hansel and Gretel | The Lonley Beast by Chris Judge | Ratatouille | The Secret of Black Rock by Joe Todd Stanton |
| Content | Designing Gingerbread houses | Grow herbs and use them to make a pizza. | Designing and making ratatouille | Designing a moving paper dinosaur puppet. |
| Skills | Context inspired by wider environment and industry. <br> Design purposeful, functional, appealing products for themselves and other users based on design criteria Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <br> 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 <br> Explore and evaluate a range of existing products Evaluate their ideas and products against design criteria | Prepare a simple dish hygienically and safely. Using an oven safely. <br> Food preparation skills., Including chopping, slicing then developing year 1 knife skills to dicing and crushing . Developing rolling pin skills enabling dough to be even and a desired shape. Grating or tearing cheese. Use the basic principles of a healthy and varied diet to prepare dishes Understand that some people in communities grow their own fruits and vegetables. | Prepare a simple dish hygienically and safely. Using a hob safely. <br> Food preparation skills including, sifting flour, whisking eggs, mixing batter. Year 1 knife skills plus developed to refined Chopping, slicing and dicing fruit. Use the basic principles of a healthy and varied diet to prepare dishes Understand where the ingredients used come from. | Context inspired by wider environment and industry. <br> Design purposeful, functional, appealing products for themselves and other users based on design criteria Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <br> 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 <br> Explore and evaluate a range of existing products Evaluate their ideas and products against design criteria |
| Knowledge | I can have my own ideas and plan and develop these ideas into a design I can explain what I want to do and describe how I may do it. <br> I can explain the purpose of a product, how it will work and how suitable it will be for the user. <br> I can design using pictures, words, models, diagrams and begin to use ICT in my designs. <br> I can design products for myself and others following a design criteria. <br> I can choose the best tools and materials and explain my choices. <br> I can use knowledge of <br> existing products to help produce ideas. <br> I can explain what I am making and how <br> it fits the purpose <br> I can make suggestions as to what \| need to do next. <br> I can join components and materials together in different ways. <br> I can measure, mark out, cut and shape materials and components with support. <br> I can describe which tools I am using and why, <br> I can choose suitable materials and explain my choices depending on characteristics.. <br> I can use finishing techniques to make products look good. <br> I can work safely and hygienically and explain why this is important. | I can have my own ideas and plan and develop these ideas into a design. <br> I can explain what I want to do and describe how I may do it. <br> I can explain the purpose of a product, how it will work and how suitable it will be for the user. <br> I can design using pictures, words, models, diagrams and begin to use ICT in my designs. <br> I can design products for myself and others following a design criteria. <br> I can choose the best tools and materials and explain my choices. <br> I can use knowledge of existing products to help produce ideas. I can explain what I am making and how it fits the purpose <br> I can make suggestions as to what I need to do next. <br> I can join components and materials together in different ways. <br> I can measure, mark out, cut and shape materials and components with support. <br> I can describe which tools I am using and why, <br> I can choose suitable materials and explain my choices depending on characteristics.. <br> I can use finishing techniques to make products look good. <br> I can work safely and hygienically and explain why this is important. | I can have my own ideas and plan and develop these ideas into a design. I can explain what I want to do and describe how I may do it. <br> I can explain the purpose of a product, how it will work and how suitable it will be for the user. <br> I can design using pictures, words, models, diagrams and begin to use ICT in my designs. <br> I can design products for myself and others following a design criteria. <br> I can choose the best tools and materials and explain my choices. <br> I can use knowledge of <br> existing products to help produce ideas. <br> I can explain what I am making and how <br> it fits the purpose <br> I can make suggestions as to what I need to do next. <br> I can join components and materials together in different ways. <br> I can measure, mark out, cut and shape materials and components with support. <br> I can describe which tools I am using and why, <br> I can choose suitable materials and explain my choices depending on characteristics.. <br> I can use finishing techniques to make products look good. | I can have my own ideas and plan and develop these ideas into a design. I can explain what I want to do and describe how I may do it. <br> I can explain the purpose of a product, how it will work and how suitable it will be for the user. <br> I can design using pictures, words, models, diagrams and begin to use ICT in my designs. <br> I can design products for myself and others following a design criteria. <br> I can choose the best tools and materials and explain my choices. <br> I can use knowledge of <br> existing products to help produce ideas. <br> I can explain what I am making and how <br> it fits the purpose <br> I can make suggestions as to what I need to do next. <br> I can join components and materials together in different ways. <br> I can measure, mark out, cut and shape materials and components with support. <br> I can describe which tools I am using and why, <br> I can choose suitable materials and explain my choices depending on characteristics.. <br> I can use finishing techniques to make products look good. |

