

Design and Technology Medium Term Planning - Reception 2022/2023

ELG - Creating with Materials - Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Share their creations, explaining the process they have used. Make use of props and materials when roleplaying characters in narratives and stories. **ELG- Fine Motor Skills** - Hold a pencil effectively in preparation for fluent writing-using the tripod grip in almost all cases. • Use a range of small tools, including scissors, paintbrushes and cutlery. Begin to show accuracy and care when drawing.

Autumn Term - Reception		
Programme of Study	Knowledge, Skills and Understanding	Activities/Links to Topics
Cooking and Nutrition	Do they wash their hands before touching food? Can they talk about the different tastes of food? Can they talk about healthy food choices?	Talk about washing hands before making gingerbread man. Talking about different tastes / favourite foods when designing gingerbread men toppings. Ongoing - discussion about healthy snack choices and how they help our bodies. Make Christmas biscuits.
Textiles	Can they join materials together? Can they cut materials using scissors? Can they talk about how materials feel	Workshop area - junk modelling - collages demonstrate how to use equipment and resources in the areas of continuous provision to the children. Making stick puppets - Gingerbread Man characters
Mechanisms	Can they cut and glue materials safely?	Making stick puppets to link with traditional tales. Design and make a rocket
Construction	Can they use tools appropriately and safely? Can they select appropriate tools and techniques to shape materials? Can they talk about their model?	Workshop area - junk modelling - collages demonstrate how to use equipment and resources in the areas of continuous provision to the children. Construction area - Can you build an oven? Can you build a rocket? Malleable area - can you make a Gingerbread man? Forest school activities - build a bonfire

Spring Term - Reception

Programme of Study	Knowledge, Skills and Understanding	Activities/Links to Topics
Cooking and Nutrition	Do they wash their hands before touching food? Can they talk about the different tastes of food? Can they talk about healthy food choices?	Talk about washing hands before making food -Chinese New Year -Forest schools cooking Talk about the tastes of the food we try. Planting seeds - watch what they grow into.
Textiles	Can they join materials together? Can they cut materials using scissors? Can they talk about how materials feel?	Workshop area - junk modelling - collages demonstrate how to use equipment and resources in the areas of continuous provision to the children. Make Easter baskets. Collage Gruffalo characters Collage farm animals from What the Ladybird Heard
Mechanisms	Can they cut and glue materials safely?	Making farm animals/ Easter cards/ Mothers day cards.
Construction	Can they use tools appropriately and safely? Can they select appropriate tools and techniques to shape materials? Can they talk about their model? Can they select appropriate tools and techniques to Can they improve their work? i.e. Make their model stronger.	Make Gruffalo with Playdough - can you add the details? Using tools to sculpt and mould the Gruffalo Build a farm - What the Ladybird Heard Create a Gruffalo trail in the outdoor area
Use of Materials	Can they manipulate materials to achieve a planned effect? Can they use tools appropriately and safely?	Workshop area - junk modelling - collages demonstrate how to use equipment and resources in the areas of continuous provision to the children. Construction area - Can you build a farm? Malleable area - can you make a Gruffalo? Can you make farm animals? Forest school activities - build a farm using natural materials Create a Gruffalo trail in the outdoor area

Summer Term - Reception

Programme of Study	Knowledge, Skills and Understanding	Activities/Links to Topics
Cooking and Nutrition	Do they wash their hands before touching food? Can they talk about the different tastes of food? Can they talk about healthy food choices?	Talk about washing hands before eating fruit from the story Handa's Surprise. Talk about the tastes of the fruit we try.
Textiles	Can they join materials together? Can they cut materials using scissors? Can they talk about how materials feel?	Create African jewellery - Handa's Surprise Can you make and African pattern?
Construction	Can they use tools appropriately and safely? Can they select appropriate tools and techniques to shape materials? Can they talk about their model?	Make a boat for a pirate - linked to Shark in the Park Make a telescope
Use of Materials	Can they manipulate materials to achieve a planned effect? Can they use tools appropriately and safely?	Forest schools - Create a boat using natural materials. Can you thread pasta on string to make an African necklace?