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|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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|  | **Continuous provision throughout the year** |
| Reception | **NC: Structures****Kapow: Junk modelling**1. Exploring junk modelling
2. Cutting and scissor skills
3. Choosing resources
4. Making models
5. Evaluation and presentation
6. Temporary Joins

**Art link – Craft and designPainting – paint my world****Drawing – Marvellous Marks** | **NC: StructuresKapow: Boats**1. Waterproof materials
2. Floating and sinking
3. Boats
4. Designing boats
5. Creating and testing boats

**Painting – paint my world****Drawing – Marvellous Marks** | **NC: TextilesKapow: Bookmarks**1. Exploring threading and weaving
2. Paper weaving
3. Sewing with hessian
4. Designing bookmarks
5. Creating bookmarks
6. Evaluating bookmarks

**Craft and design – Let’s get crafty** | **NC: Cooking and NutritionKapow: Soup**1. Fantastic fruits and vegetables
2. Pumpkin soup
3. Designing soup
4. Fine motor skills
5. Making soup
6. Designing soup packaging
 | **Kapow: Seasonal Projects**1. Hibernation boxes
2. Sliding Santa chimneys
3. Hanging egg decoration
4. Flower threading
5. Designing a rainbow salad
6. Making a rainbow salad
 |
| Year 1 | **NC: MechanismsKapow: Making a moving storybook**1. Exploring sliders and movement
2. Design
3. Construction
4. Testing and evaluation
 | **NC: TextilesKapow: Puppets**1. Joining fabrics
2. Designing my puppet
3. Making and joining my puppet
4. Decorating my puppet

**Craft and design - Woven wonders** | **NC: Mechanisms****Kapow: Wheels and axles** Option 1: 1. Wheels
2. Improving wheels 1
3. Improving wheels 2
4. Designing a pull along toy
5. Making a pull along toy
 | **NC: Cooking and NutritionKapow: Smoothies**1. Fruits
2. Growing
3. Cutting and juicing
4. Testing ingredients
5. Making smoothies
 |
| Year 2  | **NC: MechanismsKapow: Making a moving monster (make a Meerkat – link to Meerkat mail)**1. Pivots, levers and linkages
2. Making linkages
3. Designing my animal
4. Making my animal

**Painting – life in colour**  |  **NC: MechanismsKapow: Fairground wheel – changed to animal transportation**1. Designing a fairground wheel
2. Planning the build
3. Building the frame and wheels
4. Surveying the design opinions
5. Adding pods and decoration
 | **NC: Textiles****Kapow: Pouches**1. Running stitch
2. Using a template
3. Making a pouch
4. Decorating a pouch
 | **NC: Cooking and NutritionKapow: Balanced diet**1. Food groups
2. Balanced meals
3. Preparing ingredients
4. Taste testing ingredients
5. Panning recipes
6. Creating and evaluating wraps
 |
| Year 3 | **NC: Electrical systemsKapow: Electric poster – Link to Christmas activities**1. Information design
2. Topic research
3. Design development
4. Assemble an electric poster
 | **NC: MechanismsKapow: Pneumatic toys (Iron Man)**1. Exploring pneumatics
2. Drawing diagrams
3. Designing a pneumatic toy
4. Making a pneumatic toy
5. Finishing the toy
 | **NC: TextilesKapow: Egyptian collars**1. Cross stitch and appliqué
2. Egyptian collars
3. Developing the collars
4. Finishing their collars

**Craft and design – Ancient Egyptian scroll** | **NC: Cooking and NutritionKapow: Eating seasonally**1. Food around the world
2. Seasonal food
3. Cutting and peeling
4. Tasting seasonal ingredients
5. Making a mock up
6. Evaluating seasonal tarts
 |
| Year 4 | **NC: Electrical systems****Kapow: Torches**1. Electrical products
2. Evaluating torches
3. Torch design
4. Torch assembly
 | **NC: Mechanisms****Kapow: Mechanical cars (Roman cart/sling shot)****Option 1:**1. Prototype one: Inclined plane
2. Porotype two: Slingshot car
3. Porotype three: Wind up car
4. Mechanical toy car kit: Designing
5. Mechanical toy car kit: making and evaluating
 | **NC: TextilesKapow: Fastenings**1. Evaluating fastenings
2. Designing my book sleeve
3. Paper mock up and preparing fabric
4. Assembling my book sleeve
 | **NC: Cooking and NutritionKapow: adapting a recipe**1. Existing biscuits
2. Basic biscuits
3. Budgeting
4. Packaging
5. Market research
6. Evaluating biscuit
 |
| Year 5 | **NC: Mechanisms****Kapow: Gears and Pulleys – Kapow suggest a bike – can be changed to a minecart**1. Gears
2. Improving my gear design
3. Pulleys
4. Market research
5. Design
 | **NC: Electrical Systems****Kapow: Doodlers**1. Electrical systems and motors
2. Meet the Doodlers
3. Doodler design and construction
4. Doodler DIY kits
 | **NC: TextilesKapow: Stuffed toy/Anglo Saxon bag**1. Designing
2. Blanket stitch
3. Details and appendages
4. Assemble
 | **NC: Cooking and NutritionKapow: developing a recipe**1. From farm to fork
2. Different choices
3. Nutritional value
4. Preparing ingredients
5. Designing labels
6. Making Bolognese
 |
| Year 6 | **NC: Electrical systems****Kapow: Steady hand game**1. Developing through play
2. Game plan
3. Base building
4. Electronics and assembly
 | **NC: Mechanisms****Kapow: Automata toys**1. Automata
2. Frame assembly
3. Experimenting with CAMS
4. Finishing touches.
 |  | **NC: TextilesKapow: Waistcoats/leavers keepsake**1. Design
2. Preparing fabric
3. Assembling
4. Decorating
 | **NC: Cooking and NutritionKapow: Come dine with me**1. Complementary flavours
2. Three ingredients: three courses
3. Ingredients and skills
4. To start…
5. The main course
6. dessert
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