|  |  |  |  |
| --- | --- | --- | --- |
|  | Year R | Year 1 | Year 2 |
| Expectations | Expressive arts and design:   * Explore and using media and materials. * safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. * use what they have learnt about media and materials in original ways, thinking about uses and purposes. * represent their own ideas, thoughts and feelings through design and technology   *Key language: materials, tools, techniques, Assemble, join, texture, decorating* | Design   * Design purposeful, functional, appealing products for themselves and other users based on design criteria   Make   * Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]   Evaluate   * Explore and evaluate a range of existing products   Technical knowledge   * Build structures, exploring how they can be made stronger, stiffer and more stable   *Key Language: products, design, cutting, shaping, joining, finishing, levers, slides, hygienic,* | Design   * Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology   Make   * Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics   Evaluate   * Evaluate their ideas and products against design criteria   Technical knowledge   * Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.   *Key Language: develop, templates, materials, textiles, mechanisms, diagrams,* |
| Design | * Constructs with a purpose in mind, using a variety of resources. | * Think of some ideas of their own * Use pictures and words to plan * Explain in words what they want to do. * Design a product and follow a design criteria. | * Think of ideas and plan what to do next. * Plan for a set brief * Draw simple diagrams to express ideas * Use technology to design * Design a product for others following design criteria |
| Make | * Uses simple tools and techniques competently and appropriately. * Selects appropriate resources and adapts work where necessary. * Selects tools and techniques needed to shape, assemble and join materials they are using. * Use and explore a variety of materials, tools and techniques. | * Explain what they are making and why * Select tools and equipment to cut, shape, join and finish * Describe which tools I am using and why * Choose materials and explain why they * Cut and join fabric using glue, pins or staples and attach additional features | * Explain what they are making and why their audience will like it * Join things (materials/ components) together in different ways * Explain why the materials they are using are a good choice using their characteristics |
| Evaluate | * Represent their own ideas, thoughts and feelings through design and technology. | * Describe how existing products work * Talk about own work linked to what was asked to do and what went well * Reflect on work and talk about likes, dislikes and improvements * Talk about own work and things that other people have done | * Describe what went well with their work * Evaluate what they would do differently if they did it again and why * Judge their work against the design criteria |
| Technical Knowledge | Construction:   * Say how to make products stronger   Cooking and nutrition:   * Cut food safely * Describe the texture of foods * Wash their hands and make sure that surfaces are clean * Think of interesting ways of decorating food they have made, eg, cakes * Say what healthy foods are * Say where some food comes from | Use of materials:   * Measure materials to use in a model or structure * Join material in different ways * Use joining, folding or rolling to make it stronger * Use levers or slides in their work   Cooking and nutrition:   * Describe the properties of the ingredients that are being used and why it is important to be varied in their diet * Explain what it means to be hygienic * Keep a hygienic kitchen * Say where food comes from i.e. animals, underground, over ground etc | Mechanisms:   * Join materials together as part of a moving product * Add a specific design to their product * Use axels and wheels in their work   Textiles:   * Measure textiles * Join textiles together to make something * Cut textiles as part of a design * Explain why they chosen a certain textile |