### Dereham Church of England Infant and Nursery Academy-DT

#### Summer I





Year group: Year I Area/topic: Create, Develop and Evaluate Products

(objectives from NC/ELG/Development matters)

- > design purposeful, functional, appealing products for themselves and other users based on design criteria
- penerate, 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 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

#### Evaluate

- > explore and evaluate a range of existing products
- > evaluate their ideas and products against design criteria

| Prior learning                                      | Future learning   |
|---|---|
| Children have make functional products in the past. | Children should focus on specifically testing, with evaluation being key and the talking point of 'next time I could do this' |

| What pupils need to know or do to be secure  |                            |                                       |
|--|----------------------------|---------------------------------------|
| Key knowledge and skills   |                            | Possible evidence                     |
| Children will be encouraged to look at exisiting products for plant pots.                |                            | To make a functional appealing flower |
| They should look at a variety of designs and then design, plan, make and test their own. |                            | pot.                                  |
| Key vocabulary   |                            |                                       |
| Functional, Appealing, Exisiting products, Drainage holes, Strong, Sturdy                |                            |                                       |
|  |                            |                                       |
|  |                            |                                       |
| Common misconceptions  | Books linking to this area |                                       |
| Children might confuse the process with art, however it must be                          | Jabari Tries               |                                       |
| communicated clearly that the product is being made for a purpose and                    |                            |                                       |
| they will be used to plant and flower bulbs and seeds.                                   |                            |                                       |
|  |                            |                                       |

| Memorable first hand experiences   | Opportunities for communication   |
|--|---|
| Children will plant their own seed/bulb in the plant pot that they have    | Children will be able to physically test their products by planting seeds |
| made. They will then be able to see how effective their making skills have | and bulbs.  |
| been.  | They will be able to see whether their product is strong and sturdy and   |
|  | whether a plant can grow inside.  |

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## Reasonable adjustments for pupils with $\ensuremath{\mathsf{SEND}}$

| Communication and Interaction  | Cognition and Learning   |
|--|--|
| Visual aids Modelling - through the use of visualiser or I:I Simple instructions Use of WAGOLL Pre-teaching vocabulary Coloured paper Social, Emotional and Mental health  | Repetition of skills Photo examples Check understanding regularly Artist work on the table, stuck into their books, stuck onto learning boards Verbal responses being scribed by adults Large scale if fine motor is a barrier  Sensory and Physical |
| Allow access to a quiet area Give them a special role to boost their self-esteem Seat pupil with more confident friend - talking partners Now and next board Sand timer Step by step guides with visuals/pictures/photos | Chunky crayons/paintbrushes A range of tools/scissors Gloves for sensory issues Explore new materials Carpet space position Reduce background noise Mixing and painting with body parts  |