**Foundation subject: Design and Technology YEAR 1**

EP1. **Designing:**

All pupils must know how to translate their creative ideas into designs for making products.

EP2. **Making Products and applying Technical Knowledge:**

All pupils must know how to use an appropriate range of tools, materials or ingredients to make products and to cook and prepare food.

EP3. **Evaluating:**

All pupils must know how to evaluate their own and other products and then review the outcomes to see how they might be improved.

**CORE END POINTS WITH ADDITIONAL END POINTS**

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| --- | --- | --- | --- |
| **Term** | **End Point 1****Designing** | **End Point 2****Making products and applying Technical Knowledge**  | **End Point 3****Evaluating**  |
|  | **1.0(Core)** | **1.1** | **1.2** | **1.3** | **2.0(Core)** | **2.1** | **2.2** | **2.3** | **3.0(Core)** | **3.1** | **3.2** | **3.3** |
| **Au** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** |  |  | **✓** | **✓** | **✓** |  |
| **Sp** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** |
| **Su** | **✓** | **✓** | **✓** |  | **✓** | **✓** |  |  | **✓** | **✓** | **✓** | **✓** |

**CORE END POINT**

EP1. **Designing:**

All pupils must know how to translate their creative ideas into designs for making products.

**SHOULD KNOW** – ADDITIONAL **END POINTS**

1.1) Most pupils should know how to design purposeful, functional, appealing products for themselves and other to appreciate and use.

1.2) Most pupils should know how to communicate their ideas through talking, drawing, templates and models

1.3) Most pupils should know where how to use information and communication technology where it is appropriate to enhance their products

**CORE END POINT**

EP2. **Making and applying Technical Knowledge:**

All pupils must know how to use an appropriate range of tools, materials or ingredients to make products and to cook and prepare food.

**SHOULD KNOW** – ADDITIONAL **END POINTS**

2.1) Most pupils should know how to create and make products from their own designs using a wide range of appropriate materials, including construction kits, textiles or ingredients .

2.2) Most pupilsshould know how to cook by following recipes to measure, mix, prepare and cook ingredients.

2.3)Most pupilsshould know how to cook and to apply the principles of nutrition and healthy eating to their products

**CORE END POINT**

### EP3. Evaluating:

### All pupils must know how to evaluate their own and other products and then review the outcomes to see how they might be improved.

**SHOULD KNOW** – ADDITIONAL **END POINTS**

3.1) Most pupils should know how to evaluate their ideas and products against design criteria to see if they can be improved.

3.2) Most pupils should know how to explore and evaluate a range of existing products against design criteria

3.3) Most pupils should know where appropriate, how to use mechanisms in their products