**Stoke Hill Federation DT Curriculum by Terms 2019 -**

**Year 3 Spring Term**

Design – Make – Evaluate

Strengthen, stiffen and reinforce more complex structures.

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| **Vocabulary** | **Skills** |
| Criteria – a factor that you judge or decide something byFunction – something that is the useful thing that helps with the intended outcome Annotate – notes added to a diagram to explain itAesthetic – used to talk about the beauty or art of somethingPrototype – a new type of device which is not ready to be made in large numbers. | Select tools and equipment for practical tasks: measure, mark out, cut, shape, join with some accuracy Evaluate their product against original design criteria |

**Year 3 Summer Term**

Design – Make – Evaluate

Sewing 1

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| **Vocabulary** | **Skills** |
| Tack – a short nailStitch - uses a needle and thread to join two pieces togetherrunning stitch – a single form of hand stitching that consists of small stitches that look the same on both sides of the fabricPin – small thin pointed bits of metalJoin – connect two or more things together | sew – basic techniques eg running stitch, thread a needleMeasure, pin, cut and join with some accuracy |

**Year 4 Autumn Term**

Design – Make – Evaluate

Electrical Circuits

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| **Vocabulary** | **Skills** |
| Series – things coming one after anotherComponents – parts of somethingCircuits – a complete route that an electric current can flow aroundConductor – heat or electricity can pass throughInsulator – to protect something by covering it with a layer | Connect circuit components, test a circuitEvaluate their work during and after and using appropriate tests |

**Year 4 Summer Term**

Design – Make – Evaluate

Cooking savoury dishes

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| **Vocabulary** | **Skills** |
| Design – to plan or make a detailed plan of somethingEvaluate - consider something to make a judgement about itSavoury - food that has a salty or spicy flavourSeasoning - salt, pepper or other spices added to food to improve its flavourhygiene - keeping yourself or surroundings clean | Follow a recipePrepare food hygienically |

**Year 5 Autumn Term**

Design – Make – Evaluate

Mechanical systems

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| **Vocabulary** | **Skills** |
| Gear - change the rate at which a machine or vehicle movesPulley - a wheel over a rope or chain which is pulled to lift heavy objectsCam – a slider or roller attached to a rotating shaftLinkage - a connection between two thingsTechnique – a method of doing an activity | Make a cam to produce the desired movementMeasure, mark out, cut and join accuratelyEvaluate their product against the original design specification |

**Year 5 Spring Term**

Design – Make – Evaluate

Sewing 2

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| **Vocabulary** | **Skills** |
| Modification – to change the planFasten – connect or attach two or more things Tack – short nail with a broad flat headDesign - to plan or make a detailed plan of somethingEvaluate - consider something to make a judgement about it | Assess and modify, accurately measure, mark out and cut, Sew e.g. Back-stitch/ overstitchUse tools safely and accurately |

**Year 6 Autumn Term**

Design – Make – Evaluate

Cook savoury dishes

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| **Vocabulary** | **Skills** |
| Seasonality – the cycle of food depending on the seasonSource – the place where you get something from Utensil - tools or objects used to help you cook Design - to plan or make a detailed plan of something Tare – vetch plant | weigh and measure accurately, cut safely, taste for seasoningApply basic rules for food hygiene |

**Year 6 Summer Term**

Design – Make – Evaluate

CAD (Tinkercad/Sketchup?)

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| **Vocabulary** | **Skills** |
|  | Evaluate their products, identifying strengths and areas for development |