

The Little School with the Big Heart

‘With God All Things are Possible’ Matthew 19:26

**Design and Technology Vocabulary**

|  |  |
| --- | --- |
| **KS1** | **KS2** |
| Class 1 (EYFS/Year 1) | Class 2(Year 1/Year 2) | Class 3(Year 2/year3) | Class 4(Year 4/year 5) | Class 5(year 5/year 6) |
| **Milestone 1**structure balanced stable free-standing brace base annotate centre of gravity rigid properties construct slabnature beam column labelled diagramcombined automatically fluency accuratemanufactured adapt refine inspiration purpose user prototype damprotect solid mortar hollowconnected arranged bond removebalanced earthquake architects foundationsautomatically rear guide bridge rotatinghorizontal vertical diagonal attachtransparent opaque rigid pivotfulcrum force input outputmechanism chassis grown reared caught processed food seasonal food harvestfood poisoning prepare stored | **Milestone 2**deviceapp-enabledrespondannotateautomaticallyfluencyinspirationpurposeuserprototypeLEDconductiveadhesiveexploded diagramilluminateenhancepivotfulcrumlinearrotaryreciprocatingoscillatinglinked lever mechanismpneumaticcompressedpressurehydraulicpistonhollow cylinderreciprocatingrigidtrussdistributestrutjoining platepioneerchordpierstrengthstabilityvarietypurposecontainconjunctionexternalaspectspartscoordinatesassembleaccuratenutrientspulseswholegrainbacteriapreserverefrigerated | **Milestone 3**Artificial Intelligencesensorannotatecomponentdetectautomaticallyfluencyinspirationpurposeuserprototyperotarypropellercombinedperfectedellipseparabolaassembletechniqueconstructextendassemblecombinecircumferencemechanical advantagephysicistgear traininterlockmitre gearlinearreciprocatingvice versadwelleccentric circleaccurateperishableinfectiouscompostperennialannual |