



Manor Drive Primary Academy

Design and Technology /Outdoor Learning
Curriculum Overview

Whole-school vision for design, technology and outdoor learning

Children will enjoy spending time in the outdoors, experiencing the positive mental health benefits of fresh air and gardening. Children will be confident to explore the outdoors safely. They will develop their design and technology skills and understand the feeling of accomplishment when they create an object using their hands and appropriate tools.

Reception

Reception Overview

Block 1	Threading: cards, large beads, knots
Block 2	Story design: Stickman create characters and homes from natural materials
Block 3	Prepare food / simple feeders for wildlife
Block 4	Seeds planting and gardening
Block 5	Identification: wildlife surveys, colour matching, pond dipping
Block 6	Shelter building and gardening: tending plants, picking fruit and veg

Year 1

Year 1 Overview

Block 1	Cooking in the mud kitchen
Block 2	Threading, knotting and using clamps to make holes in natural materials,
Block 3	Design, create and evaluate a necklace
Block 4	Seed diary, planting and tending
Block 5	Identification: wildlife surveys, colour matching, pond dipping
Block 6	Shelter building and gardening: tending plants, picking fruit and veg

Year 2

Year 2 Overview

Block 1	Cooking in the mud kitchen
Block 2	Sewing
Block 3	Design, create and evaluate a bag
Block 4	
Block 5	Identification: wildlife surveys, colour matching, pond dipping
Block 6	Shelter building and gardening: tending plants, picking fruit and veg

Year 3

Year 3 Overview

Block 1	Cooking in the mud kitchen
Block 2	Drilling and sawing
Block 3	Design, create and evaluate a windchime
Block 4	
Block 5	Identification: wildlife surveys, colour matching, pond dipping
Block 6	Shelter building and gardening: tending plants, picking fruit and veg

Year 4

Year 4 Overview

Block 1	Cooking in the mud kitchen
Block 2	Sewing
Block 3	Design, create and evaluate a flag with embroidered shape
Block 4	
Block 5	Identification: wildlife surveys, colour matching, pond dipping
Block 6	Shelter building and gardening: tending plants, picking fruit and veg

Year 5

Year 5 Overview

Block 1	Cooking in the mud kitchen
Block 2	Sawing, drilling, screwing
Block 3	Design, create and evaluate a boat
Block 4	
Block 5	Gardening: weeding, planting out, tending to plants
Block 6	Shelter building and team building

Year 6

Year 6 Overview

Block 1	Cooking in the mud kitchen
Block 2	Screwing, drilling and hammering
Block 3	Design, create and evaluate a photo frame
Block 4	
Block 5	Gardening: weeding, planting out, tending to plants
Block 6	Shelter building and team building