



Subject: Design and Technology
Progression of Knowledge and Skills

Strand	EYFS	Year 1	Year 2
Mechanisms (Autumn term)	I can talk about how an object or toy works. I can talk about how a toy or object moves. I know which hand I hold scissors in. I know how to be safe when using scissors. I can make cuts (snips) in paper. I can explore joining materials in different ways. I can build with/join together construction pieces.	I can explore existing moving pictures I can identify how the moving parts work I can explore making different moving mechanisms including levers and sliders. I can plan and design a picture with moving mechanism (lever or slider) I can follow my design to make my moving picture I can evaluate my moving picture	I know what wheels and axles are and where they can be found. I can explore wheels and axles and how they work. I can identify features of vehicles including wheel, axle, chassis, body and cab I can identify and label the different parts of a vehicle and their functions. I can explore joining wheels and axles I can follow a design criteria to plan and design a moving vehicle I can follow my design to make my moving vehicle I can evaluate my moving vehicle and identify how it can be improved.
Vocabulary	move, tools, scissors, snip, cut, safe, draw, stick, glue, join, make, construction, construct, structure, materials, explain, construct, tear, paper, sellotape, masking tape, hole punch, pipe cleaner, roll, chop, idea, improve, stable, plan, design, change	moving parts, mechanism, lever slider, pivot, design criteria, product, plan, idea, make, stiffen, evaluate, improve	moving parts, vehicle, wheel, axle, chassis, body, cab, join, design criteria, product, plan, idea, make, evaluate, improve
Cooking and Nutrition (Spring term)	I can talk about what I am making as I go along. I can explore joining materials in different ways. I can talk about how things are the same or different. I can use my own or others ideas to 'make things'. I can roll playdough. I can chop, cut and tear playdough.	I can name and describe a variety of fruits/vegetables I understand how vegetables/fruit are grown I can name some foods that are 'healthier choices' I can name foods that should be eaten in moderation. I can cut soft fruit/vegetables safely and carefully I can prepare food in a safe and hygienic way I can plan and design a sandwich I can follow my design to make my sandwich I can evaluate my sandwich	I can identify and name a variety of foods/ingredients I can identify which animal's meat comes from I can talk about the 'journey' that food goes on to get to our plate. I can talk about what a balanced diet might look like I know that food belongs to different groups I can cut, peel, grate and spread I can prepare food hygienically I can plan and design a salad that follows the criteria given I can follow my plan to make my salad I can evaluate my finished salad and identify any changes or improvements that could be made.
Vocabulary	move, tools, scissors, snip, cut, safe, draw, stick, glue, join, make, construction, construct, structure, materials, explain, construct, tear, paper, sellotape, masking tape, hole punch, pipe	food, produce, fruit, vegetable, farm, orchard, underground, supermarket, healthy, cutting, chopping, prepare, plan, design, make, evaluate, safety, hygienic, ingredients	food, produce, fruit, vegetable, meat, fish, farm, orchard, underground, supermarket, healthy, food group, balanced diet, cutting, chopping, spread, grate, peel, prepare, plan, design, make, evaluate, safety, hygienic, ingredients

	cleaner, roll, chop, idea, improve, stable, plan, design, change		
Structures (Summer term)	I can build structures and talk about them. I am starting to think about how I could make a structure more stable. I can use a variety of tools and materials. I can plan what I am going to make. If something isn't working, I can make changes.	N/A	I can find out about existing structures I can talk about how different structures are built and what makes them strong/stable I know that the base is key for a stable structure and the wider the base the more stable it will be I can identify and discuss the materials they are made from I can draw structures and label their significant features I can join materials to make a stable structure I can strengthen my structure if needed I can join materials to make a moving structure I can practice and explore the skills needed to make a structure I can follow a design criteria to plan and design a structure I can follow my design to make my structure I can evaluate my finished structure I can identify how my finished structure could be improved
Vocabulary	move, tools, scissors, snip, cut, safe, draw, stick, glue, join, make, construction, construct, structure, materials, explain, construct, tear, paper, sellotape, masking tape, hole punch, pipe cleaner, roll, chop, idea, improve, stable, plan, design, change		move, tools, scissors, snip, cut, safe, draw, stick, glue, join, combine, make, construction, construct, structure, materials, explain, tear, paper, sellotape, masking tape, hole punch, pipe cleaner, blu-tack, roll, idea, improve, plan, design, change structure, strong, strength, weak, stable, features, design, plan, make, evaluate
Textiles (Summer term)	N/A	I can group fabrics and threads by their colour and texture I can describe a variety of fabrics and threads I can weave using a variety of different materials. I can weave on a large scale. I can weave on a small scale. I can mark out/draw shapes I can cut out my shapes I can join fabric with glue I can sew using needle and thread I can plan and design a textile product I can make a textile product I can evaluate my finished product	N/A

Vocabulary		textile, fabric, thread, group, colour, loom, texture, product, weave, sew, stitch, join, glue, template, plan, design, evaluate	
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