

Design and Technology – Progression in Key Skills CYCLE A

	Nursery			Reception			Year One			Year Two		
	Skills	Vocabulary	Experiences	Skills	Vocabulary	Experiences	Skills	Vocabulary	Experiences	Skills	Vocabulary	Experiences
Design	Articulates what they are intending to build Draw and represent a finished model/product	Build, stack, join, balance Idea		Begins to talk about their designs. Draw and represent ideas/designs on paper	Draw Design Discuss Plan		State what product they are designing and making and who it is for. Draw and represent own original designs	develop Construct Create Invent Sketch Outline		Say how their products will work and how they are suitable for intended users. Draw and represent own original designs following a simple design criteria.	Purposeful Intent Function Product User Design criteria Generate develop model Investigate Try out	
Making	Suggest what to do next. Understands how to keep safe Can use a range of materials and components With the help of the teacher make choices about the best construction kits/materials to use for a specific purpose.	String Scissors Hole punch Stapler Masking tape Glue Split pins Treasury tags Strong Firm Floppy Hard soft		Understands there is a sequence to follow when building something. Use a range of materials and components to build and join Explore how materials can be shaped in a variety of ways	String Scissors Hole punch Stapler Masking tape Glue Split pins Treasury tags Bend, fold, concertina, curl Stiff, bendy		Follows a sequence and suggests what they need to do next Use a range of materials and components to join 2D and 3D materials and make a hinge Uses a template to mark out and then cut materials.	Shoe /cereal box Card Cellophane Fabric Glue String Scissors Hole punch Stapler Masking tape Split pins Treasury tags Template Shape Outline		Adapts their ideas in response to the things they find through the making process Use a range of materials and components according to their characteristics to join 2D and 3D materials to make a winder mechanism Select the way to shape materials to match the	Cotton reel Glue String Scissors Hole punch Stapler Masking tape Split pins Treasury tags Purpose Change Improve Develop	

	Explore how to decorate and colour their product	Pencil crayons Paint Felt-tip pens		Choose how to decorate and colour their product from a selection of resources	Pencil crayons Paint Felt-tip pens		Can shape materials in a variety of ways Use simple finishing techniques to improve the appearance of their product	Weak Rigid, bendy Stiff, stable, sturdy Flimsy Flexible Stronger Collage Paint Felt-tip pens		intended purpose Select the way to improve the appearance of their product	Alter Test Appropriate Collage Paint Felt-tip pens	
Evaluate	Can say if they are pleased/unhappy with what they have made. Begins to say what they would do differently	Change		Identify one thing they like and one thing they would like to improve about the item they have made	Improve Redo Remake Correct		Identify one thing they like and one thing they would like to improve about the item they have made justifying their reasons	Alter Redesign Adjust Adapt		Make simple judgements About their products and ideas against design criteria	Modify Develop Expand Enhance	
Technical Knowledge	Begins to differentiate between different mechanisms on toys	Button, press, turn, pump up and down, wind up Lift flaps, twist		Naming the movement of simple mechanisms To be able to use a variety of joining techniques	Pop up books Cars Levers Sliders Wheels Glue Staplers sewing		Able to name the movement of simple mechanisms To use sewing techniques join fabric together	Levers Sliders Wheels Pivot Slot Hinge Running stitch Overstitch Fabric Felt		Able to name the movement of simple mechanisms To use sewing techniques join fabric together	Levers Sliders Wheels Axles Vehicle Chassis Body Running stitch Overstitch	

Food and Nutrition	Understands how to keep safe With the help of the teacher make choices about the best techniques and utensils to use for preparing a snack	Spreading Pouring Mixing		Understands there is a sequence to follow when preparing food Use simple techniques and utensils to prepare food	Recipe Instructions Ingredients Peeling Cutting Whisking Mixing		Select and use simple utensils, tools and equipment to prepare food Know and use technical and sensory vocabulary	Peeling, cutting Grating Slicing Squeezing Whisking Chopping Flesh Skin Seed Pip Core Soft Juicy Crunchy Sweet Sticky Smooth Sharp Crisp Sour hard		Select and use simple utensils, tools and equipment to prepare food, explaining their choices Know and use technical and sensory vocabulary	Peeling, chopping cutting, mashing and grating Slicing Whisking Chopping Squeezing Mixing Kneading Flesh Skin Seed Pip Core Soft Juicy Crunchy Sweet Sticky Smooth Sharp Crisp Sour Hard	
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