

Design and Technology: Phase 7

Developing, Planning and Communicating Ideas	<ul style="list-style-type: none"> • I can answer questions related to my ideas for task • I can use imagination • I can make a drawing that shows my ideas • I can write a caption or labels on my drawings • I can make a model in relief
Exploring media and materials	<ul style="list-style-type: none"> • I can draw round shape templates • I can cut straight lines with scissors • I can apply some decoration to a product • I can build with a range of 3D shapes • I can taste test some fruit and vegetables • I can draw lines with a ruler • I can score card before folding • I can join objects by overlapping • I can use straws to build 3D frameworks • With assistance, I can construct things that turn e.g. windmill
Evaluating Processes and Products	<ul style="list-style-type: none"> • I can review my own work • I can suggest a way I could improve it • I can comment on the final result compared to the original idea • I can describe the taste and texture of some foods • I can give simple reason for what I like • I can compare results and explain differences
Knowledge and Understanding of the World	<ul style="list-style-type: none"> • I know the purpose of common products • I can describe how simple movements work • I can name some of the materials used • I know to wash hands when handling food • I can identify some main food groups • I know the importance of recycling where possible

Design and Technology: Phase 8

Developing, Planning and Communicating Ideas	<p>I can follow simple verbal instructions</p> <ul style="list-style-type: none"> • I can use scissors to cut simple shapes • I can investigate actual items/products as a starting point • I can develop my own ideas <p>I can use drawing to record ideas</p>
Exploring media and materials	<ul style="list-style-type: none"> • I can cut and join fabric • I can attach wheels • I can measure components • I can measure food • I can peel, cut, grate food with assistance • I can make structure to bridge a gap • I can use paper mache to make simple forms • I can use paper fasteners as linkage • I can use a junior hacksaw • I can demonstrate safe use of tools when working • I can care for tools and materials
Evaluating Processes and Products	<ul style="list-style-type: none"> • I can respect the work of others • I can compare the results with my plans • I can state what I like or dislike about an object or product • I can consider the effect of varying food ingredients • I can suggest some ways which I could improve their work
Knowledge and Understanding of the World	<ul style="list-style-type: none"> • I can name some of the materials in a product • I can identify simple levers • I know fruit and vegetables are good for you • I know the names of some tools and materials used • I can identify different ways of joining materials • I understand the importance of reducing plastic

Design and Technology: Phase 9

Developing, Planning and Communicating Ideas	<ul style="list-style-type: none"> • I can look at design and style of familiar objects • I can consider designs from a range of cultures • I can consider the purpose and design of familiar object • I can use labelled drawings to describe intentions and ideas • I can use a graphics program to design elements of the design e.g. pattern
Exploring media and materials	<ul style="list-style-type: none"> • I can investigate how 3D shapes can be put together to create a new shape • I can unfold packets and compare nets of 3D shapes • I can cut strip wood or dowel to length with some accuracy • I can attach wheels with a fixed axel • I can dismantle objects to see how they work • I can use a simple circuit in a model • I know the dangers of electricity • I can prepare a range of food ingredients • I know different ingredients combine to create different tastes • I can consider the safety of others when working
Evaluating Processes and Products	<ul style="list-style-type: none"> • I can check model is strong and stable • I can compare model with design intentions • I can identify changes made during construction giving a reason • I can compare my results with that of others • I can evaluate the safety of an electrical circuit
Knowledge and Understanding of the World	<ul style="list-style-type: none"> • I can discuss how the size of pulley wheels and gears affect performance • I can identify foods that make part of a healthy diet • I can identify the recycle symbol • I can make a simple electrical circuit • I can recognise the purpose of a product and it's use e.g alarm • I know the importance of looking after the environment: reduce, r e-use and recycle

Design and Technology: Phase 10

Developing, Planning and Communicating Ideas	<ul style="list-style-type: none"> • I can use my own knowledge and experience as a starting point • I can consider more than 1 idea for the same product • I can identify the different needs • I can consider the order of the process
Exploring media and materials	<ul style="list-style-type: none"> • I can join strips of wood at right angles • I can work from plans • I can make structure more stable • I can apply appropriate decoration • I can add moving parts to a model • I can devise a simple switch on their model • I can apply patterns on embroidery • I can assemble parts of a product • I know that the appearance of food is important • I can begin to estimate the amount of material required
Evaluating Processes and Products	<ul style="list-style-type: none"> • I can look at how creating a design helped with the final results • I can identify an improvement that could be made • I can evaluate my design • I can comment on the effectiveness of a product • I can describe processes used
Knowledge and Understanding of the World	<ul style="list-style-type: none"> • I understand simple pneumatics • I can identify what makes items stable • I can use appropriate vocabulary • I can recognise properties of fabric • I can use ICT as a research tool

Design and Technology: Phase 11

Developing, Planning and Communicating Ideas	<ul style="list-style-type: none"> • I can collect information to aide planning • I can use drawings to assist in investigating how objects work • I can develop an idea in some depth • I can propose realistic ideas for the design • I can consider the consumer when creating produce
Exploring media and materials	<ul style="list-style-type: none"> • I can make a shell structure • I can make a frame structure • I can measure required length • I can cut to a line • I can peel, cut, grate food • I can identify healthy choices in a diet • I can drill hole e.g hand drill • I can apply decoration to enhance the finish • I can use techniques to cut material safely
Evaluating Processes and Products	<ul style="list-style-type: none"> • I can evaluate how well the product met the criteria • I can explain changes made during construction • I can consider the visual impact of the product • I can suggest modifications in moving and/or electrical product to improve safety • I can evaluate the work of others
Knowledge and Understanding of the World	<ul style="list-style-type: none"> • I can adjust lever movements • I can make prototypes • I know how to strengthen materials • I can identify the components of a balanced diet • I know that accuracy is important

Design and Technology: Phase 12

Developing, Planning and Communicating Ideas	<ul style="list-style-type: none"> • I can use a wide range of sources to research • I can clarify their ideas and decisions by discussion • I can use drawing, models and kits to develop ideas • I can suggest ways to proceed when problems occur • I can make modifications as work is in progress
Exploring media and materials	<ul style="list-style-type: none"> • I can join fabrics • I can drill hole that only goes part way through material • I can measure and cut in millimeters • I can join accurately • I can attach wheels so vehicle can be steered • I can stitch fabrics together securely • I can consider hygienic problems in my design • I am aware of how to store food correctly • I can use control software • I can work in a method considering own safety and that of others
Evaluating Processes and Products	<ul style="list-style-type: none"> • I can evaluate my detailed plans • I can make comparisons between foods • I can make ongoing modifications • I can check the product meets the criteria • I can test the product
Knowledge and Understanding of the World	<ul style="list-style-type: none"> • I can reinforce linkages • I know the purpose of different glues • I know how to access information • I can make notes from information sources • I can identify some simple mechanisms

