

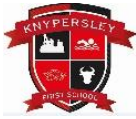


Year 1: D&T

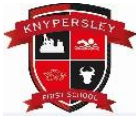
Designing and Evaluating	Making	Cookery and Nutrition
D1 I can explore objects and designs and begin to describe what I like about them.	M1 Construction I can use materials to practise drilling, screwing, gluing and nailing materials to make and strengthen products.	C1 I can cut ingredients safely and hygienically.
D2 I can say what materials and tools I will use from a limited selection.	M2 Construction I can construct using drilling, screwing, gluing and nailing materials to make and strengthen products.	C2 I can cut, peel or grate ingredients safely and hygienically.
D3 I can suggest improvements to existing designs.	M3 Mechanics I can create products using levers.	C3 I can measure or weigh using measuring cups or electronic scales.
D4 I can design products that have a clear purpose and an intended user.	M4 Mechanics I can create products using wheels and axels.	
D5 I can design using drawings or sketches.		

Year 1 topic coverage

Autumn <i>Outdoor Adventurers</i>	Spring <i>Let's Play!</i>	Summer <i>Land Ahoy!</i>
D1, D2, D3, D4, D5 C1, C2, C3	D1, D4 M1, M2	D1, D2, D3, D4, D5 M3, M4
Vocabulary	Vocabulary	Vocabulary
<u>Designing and Evaluating:</u> Explore, object, product, deconstruct, design, begin to describe, likes, select tools, scissors, hammer, saw, screw driver, drill, materials, card, paper, fabric, string, ribbon, card board, tubes, boxes, cotton reels, wood, plastic, bottles, dowel, straws, wheels, nails, glue, tape. limited	<u>Designing and Evaluating:</u> Explore, object, product, deconstruct, design, begin to describe, likes, select tools, scissors, hammer, saw, screw driver, drill, materials, card, paper, fabric, string, ribbon, card board, tubes, boxes, cotton reels, wood, plastic, bottles, dowel, straws, wheels, nails, glue, tape.	<u>Designing and Evaluating:</u> Explore, object, product, deconstruct, design, begin to describe, likes, select tools, scissors, hammer, saw, screw driver, drill, materials, card, paper, fabric, string, ribbon, card board, tubes, boxes, cotton reels, wood, plastic, bottles, dowel, straws, wheels, nails, glue, tape. limited selection,



<p>selection, suggest, improve, existing designs, clear purpose, intended user (audience), drawing, sketching, discuss, share, guided evaluation, like, dislike, fit for purpose, test, change.</p> <p style="text-align: center;"><u>Making:</u></p> <p style="text-align: center;"><u>Cookery and Nutrition:</u></p> <p>Cut, peel, grate, ingredients, names of ingredients, prepare, safely, hygienically, clean, measure, weigh, utensils, measuring cups, electronic scales, knife, grater, peeler, chopping board, chop, cut, slice, mix, stir.</p>	<p>limited selection, suggest, improve, existing designs, clear purpose, intended user (audience), drawing, sketching, discuss, share, guided evaluation, like, dislike, fit for purpose, test, change.</p> <p style="text-align: center;"><u>Making:</u></p> <p style="text-align: center;"><u>Construction</u></p> <p>use, create, construct, materials, practise, materials, card, paper, fabric, string, ribbon, card board, tubes, boxes, wood, plastic, bottles, dowel, straws, wheels, screws, nails, glue, tape, tools, scissors, hammer, saw, screw driver, practise, drilling, screwing, gluing, nailing, make, strengthen.</p>	<p>suggest, improve, existing designs, clear purpose, intended user (audience), drawing, sketching, discuss, share, guided evaluation, like, dislike, fit for purpose, test, change.</p> <p style="text-align: center;"><u>Making:</u></p> <p style="text-align: center;"><u>Mechanics</u></p> <p>product, levers, wheels, axles, mechanisms, move, freely.</p>
<p>I will know</p>	<p>I will know</p>	<p>I will know</p>
<ul style="list-style-type: none"> • That products can have a design (planning stage) before they are made. • How to explore and discuss designs and objects. • That I can have likes and dislikes when it comes to designs and objects/products. • How to describe what I like about a certain design or object/product. • That there are a range of materials that can be used to create an object/product. • That there are a range of tools that can be used to create an object/product. • How to say which materials I select from a limited selection. • How to say which tools I select from a limited selection. 	<ul style="list-style-type: none"> • That products can have a design (planning stage) before they are made. • How to explore and discuss designs and objects. • That I can have likes and dislikes when it comes to designs and objects/products. • How to describe what I like about a certain design or object/product. • That objects/products are designed with an intended audience/user in mind. • That objects/products are designed with a clear purpose in mind. • How to create a design with an audience/intended user in mind. 	<ul style="list-style-type: none"> • That products can have a design (planning stage) before they are made. • How to explore and discuss designs and objects. • That I can have likes and dislikes when it comes to designs and objects/products. • How to describe what I like about a certain design or object/product. • That there are a range of materials that can be used to create an object/product. • That there are a range of tools that can be used to create an object/product. • How to say which materials I select from a limited selection. • How to say which tools I select from a limited selection.



- That I can look at and discuss my current designs saying what I may change.
- How to say/give my suggestions for improvements to my current designs.
- That objects/products are designed with an intended audience/user in mind.
- That objects/products are designed with a clear purpose in mind.
- How to create a design with an audience/intended user in mind.
- How to create a design with a clear purpose in mind.
- That designs can be made up of different information e.g. pictures, research, wording, labels etc.
- How to design using drawing/sketching to show my ideas.

Cookery and Nutrition

- That the word ingredients mean a collection of foods that we are using to create a dish/meal.
- That to prepare the ingredients I need to cut, peel, and grate them.
- That I can use a knife to cut ingredients.
- How to cut the ingredients using a knife.
- That I can use a peeler to peel ingredients.
- How to peel the ingredients using a peeler.
- That I can use a grater to grate ingredients.
- How to use a grater to grate ingredients.
- That safety when preparing or cooking meals is important.

- How to create a design with a clear purpose in mind.

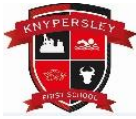
Construction

- That there are a range of materials that can be used to build with in design and technology.
- The names of some of the materials that I can use to build with in design and technology.
- That there are a range of tools that can be used to build with in design and technology.
- The names of some of the simpler tools that I can use to build with in design and technology.
- That there are different techniques that I can use to build with in design and technology which include drilling, screwing, gluing, and nailing.
- That these techniques, drilling, screwing, gluing, and nailing, can be used to make (join) or strengthen objects/products.
- How to drill simple materials together as I will be given time to practise.
- How to screw simple materials together as I will be given time to practise.
- How to glue simple materials together as I will be given time to practise.
- How to nail simple materials together as I will be given time to practise.
- How to share, discuss and verbally reflect on my work/creations.

- That I can look at and discuss my current designs saying what I may change.
- How to say/give my suggestions for improvements to my current designs.
- That objects/products are designed with an intended audience/user in mind.
- That objects/products are designed with a clear purpose in mind.
- How to create a design with an audience/intended user in mind.
- How to create a design with a clear purpose in mind.
- That designs can be made up of different information e.g. pictures, research, wording, labels etc.
- How to design using drawing/sketching to show my ideas.

Mechanics

- That a wheel is a circular object that attaches to an axel and can still move once attached.
- That a lever is a resting bar that moves on a pivot.
- How to use a lever in one of my products.
- How to use wheels in one of my products.



<ul style="list-style-type: none">• That hygiene when preparing or cooking meals is important.• How to prepare the ingredients safely.• How to prepare the ingredients in a hygienic way.• That I can measure or weigh ingredients using measuring cups or electronic scales. • How to share, discuss and verbally reflect on my work/creations.		<ul style="list-style-type: none">• How to share, discuss and verbally reflect on my work/creations.
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