

Curriculum Goals – Design and Technology



Year 1

Autumn Term
I can discuss different materials.
I can design a fish.
I can connect two pieces of material neatly.
I can evaluate my finished product based on a criteria.

Spring Term
I can design a moving character
I can explain why it's important for moving toys to be made up of several smaller parts.
I can use a glue gun and split pin.
I can say if my moving person moves effectively.
I can make a moving character in stages
I can add winter decorative features.
I can evaluate my finished product.

Summer Term
I can identify our classes' favourite fruit/vegetable.
I can suggest why it is important to eat a balanced diet.
I can explain how to handle food and equipment safely.
I can design a healthy meal.

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Year 2

Autumn Term
I can explain what puppets are used for.
I can explore the features of different puppets.
I can design an appealing puppet.
I can join together materials using an appropriate method.
I can evaluate my finished product.

Spring Term
I can explain what the eat well plate is
I can identify the 5 areas of a balanced diet.
I can explain how to handle food safely
I can explain how to be safe when handling kitchen equipment.
I can taste and discuss a range of Mexican foods
I can make a Mexican meal
I can explain what food groups my Mexican meal contains.
I can evaluate my finished meal.

Summer Term
I can explore the similarities and differences between moving vehicles.
I can explain how wheels and axels work.

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I can make a moving London vehicle.

I can design a suitable London vehicle.

I can evaluate my finished vehicle based on a criteria.

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Year 3

Autumn Term
I can explain the main features of Roman temples.
I can explain why some of the features were used on Roman temples.
I can explain why Roman temples were important.
I can explain what makes a secure structure.
I can design an appealing temple
I can use the correct method to build a structure
I can evaluate my finished product based on a criteria

Spring Term
I can say why I like a particular bread
I can create my own bread
I can research a range of sandwiches
I can discuss how to stay safe in the kitchen
I can compare my sandwich to another.
I can design an appealing product
I can make an appealing product.
I can evaluate my finished product.

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Summer Term
I can join pieces of material using a running stitch.
I can design a suitable Victorian puppet.
I can use the skills I have practised to join material to create a Victorian puppet.
I can add decorative features to my puppet.
I can evaluate my finished product

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Year 4

Autumn Term
I can research different materials.
I can create an accurate line graph.
I can design my product
I can create an exploded diagram to explain my process.
I can make my product
I can see if my product insulates my cold drink
I can evaluate my finished product.

Spring Term
I can research the function of different light boxes
I can explain what light boxes might be used for.
I can design a light box
I can explore different ways to join materials.
I can make an appealing light box.
I can understand how a light circuit works.
I can add decorative features to my product.
I can evaluate my finished product.

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Summer Term
*I can discuss the importance of a balanced diet.
I can discuss what a balanced meal is.
I can explain why it is important to locally source foods.
*I can discuss the importance of staying active.
*I can plan a healthy meal that includes a range of food groups.
I can make a healthy meal safely.
*I can evaluate my finished meal

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Year 5

Autumn Term
I can research a range of Greek artefacts such as vases, shields and helmets
I can discuss the features of Greek artefacts.
I can name the different uses for Greek artefacts.
I can design a Greek artefact with traditional features.
I can make a Greek artefact
I can evaluate my finished product.
I can research a range of Greek artefacts

Spring Term
I can explain what a balanced plate is
I can understand how to stay safe when working with food
I can understand how to handle equipment safely.
I can explore different biscuits to inform my design
I can design an appealing biscuit
I can make my biscuits safely
I can explain why my biscuits will sell well.
I can evaluate my finished product.

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Summer Term
*I can research a range of lighting products from the Victorian era.
I can explain what important invention came from the Victorian era.
I can explain what faults can come with electrical products.
*I can design an electrical product.
I can create a detailed set of instructions to make my electrical product.
*I can discuss the hazards associated with using electrical products.
*I can make an electrical product
*I can evaluate my finished product.

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Year 6

Autumn Term
I can explore what shelters are used for now and in the past.
I can discuss the differing type of framework shelters use
I can discuss what materials current shelters are made from.
I can design a functional WW2 shelter to house 2 occupants.
I can make a functional shelter using the correct equipment.
I can evaluate my finished product.
I can research what shelters are used for now and in the past.

Spring Term
I can discuss the eat well plate and how it's important to eat a balanced diet.
I can explain why it is important to wash my hands correctly before handling food.
I can explain why it is important to source locally sourced foods.
I can explain what a plant needs in order to grow.
I can plant a range of vegetables/fruits
I can design an appealing meal/dish.
I can explain if my meal is part of a balanced diet
I can make an appealing meal using the foods I have grown.
I can evaluate my finished meal based on the eat well plate

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Summer Term
I can research different headwear available in different eras.
I can design an appealing piece of headwear.
I can make an appealing product based on a template.
I can add decorative features based on the appropriate time era.
I can evaluate my finished product.