

## D&T Year A

|          | Puffin           | Swift             | Eagle         |
|----------|------------------|-------------------|---------------|
| Autumn 1 |                  | Jewellery         |               |
| Autumn 2 | Building A House | Viking Long Boats |               |
| Spring 1 |                  |                   | Greek Cooking |
| Spring 2 |                  |                   |               |
| Summer 1 |                  |                   | Wood Work     |
| Summer 2 | Cuddly Toy       | Textiles          |               |

**D&T**  
**Year A - Autumn**

Puffin

Swift

Eagle

Focus

Focus

Focus

Focus: Building a House

Focus: Viking Long Boats

Focus

- Houses are built from different materials. The choice of the materials has changed over time.
- Tudor houses were built of wood and straw. Modern houses are often made of brick.
- Designs need measurements, materials and mock ups.
- Safety expectations for using wood working tools.
- A saw is used to cut wood.
- Joining triangles make corners stronger when building a cube.

- To know different ways to join paper and wood.
- To know how to follow a plan.
- Different parts of a Viking boat
- Gather ideas of a design
- Identify ways to improve design and ways of joining

**D&T**  
**Year A - Spring**

Puffin

Swift

Eagle

Focus

Focus:

Focus: Ancient Greeks

Focus

Focus:

- To know the climate of the Greek region.
- To understand the culture of the region.
- To know what the traditional greek dishes are made from.
- To know how traditional greek dishes vary by region.

**D&T  
Year A - Summer**

Puffin

Swift

Eagle

Focus

Focus

Focus: Wood Work

Focus: Cuddly Toy

Focus: Textiles

- Sewing is a way to join materials
- A needle is used in sewing
- Felt is a soft fabric suitable for making toys

- Understanding process of plaiting and apply this to make a cup string for visit to Kentwell Hall.
- Understand need for a pattern.
- Create a simple pattern.
- Choose materials based on their functional properties and aesthetic qualities.
- Cut out material for Tudor hanging purse.
- Make holes and then thread cord through to make a drawstring purse.

- To understand the purpose of Mars Rovers.
- To understand how Mars Rovers arrive on the planet's surface.
- To understand the challenges of controlling a mars Rover.
- To know how to cut and drill wood safety.
- To know different types of wood join.
- To use a computer to control motors.
- To move an object using motors.

D&T Year B

|          | Puffin   | Swift        | Eagle            |
|----------|----------|--------------|------------------|
| Autumn 1 |          | Clay work    |                  |
| Autumn 2 | Woodwork |              |                  |
| Spring 1 | Castles  | Pop-Up Books | Woodwork - Sleds |
| Spring 2 |          |              |                  |
| Summer 1 |          |              | Aztec Temples    |
| Summer 2 | Masks    |              |                  |

**D&T**  
**Year B - Autumn**

Puffin

Swift

Eagle

Focus

Focus: Clay Work

Focus

- To research designs of canopic jars.
- To design a canopic jar.
- To choose the correct tool to make shapes with the clay.
- To join clay together to create different effects.

Focus: Woodwork

Focus:

Focus

- Instructions are use to show us how to make something
- Wheels are round so they can roll
- An axel allows the wheels to turn when attached to a vehicle
- Designs need measurements, materials and mock ups.
- Safety expectations for using wood working tools.
- A saw is used to cut wood.
- Joining triangles make corners stronger when building a cube.

**D&T**  
**Year B - Spring**

Puffin

Swift

Eagle

Focus: Castles

Focus: Pop-Up Books

Focus: Woodwork - Sleds

- Castles have high walls, a moat, portcullis, a drawbridge, turrets, battlements, a Bailey and a keep
- Wood and stone were used to build castles. Stone is stronger and fire resistant so a better material to build with

- To consider the ways pop ups can make information text more interesting
- Measure, mark out and cut a range of folds - box fold, mouth fold, slider, lift-up flap, rotator, paper spring
- Decide what technical folds they will use in their design and what information to use.
- Use all the techniques and print information needed to create a pop-up page.
- Complete their pages and test the the pop-up pieces work correctly.
- Discuss what they would change.

- To understand why sleds are used in some areas for transport.
- To understand how traditional sleds are made and powered.
- To understand common issues sleds must overcome.
- To understand how to cut wood safety.
- To understand different types of joins. .

Focus:

Focus:



**D&T  
Year B - Summer**

Puffin

Swift

Eagle

Focus

Focus:

Focus: Aztec Temples

- To know the purpose of Aztec temples.
- To know the basic standard design of Ziggurats.

Focus: Masks

Focus:

Focus

- Many people dress up for Carnaval
- Masks can be decorated with feathers, glitter and gems
- Hot glue can be used to join 2 materials