



Secondary
School

BRIERLEY CE PRIMARY SCHOOL D&T CURRICULUM PATHWAY

Key

Autumn 1st half term

Autumn 2nd half term

Spring 1st half term

Spring 2nd half term

Summer 1st half term

Summer 2nd half term

Summer Fayre Activities.

Summer Fair.

**Digital World:
Navigating the World.**
Programming a N E S W
cardinal compass.
Explain how their product fits
the design criteria.



Textiles: Waistcoats.
Measure, cut and
assemble fabric.
Accurate cutting and
joining, using cross stitch.
Knowing how to create
hidden seams.

Christmas Fayre

Easter Gardens and
Cards.

Structures: Playgrounds.
Apply prior knowledge of net
and frame structures as well as
bracing and cladding.
Stabilising more complex
structures with vracing.

Year 6

**Food: What Could Be
Healthier?**
Cooking meat safely.
Tasting and adapting the dish
during cooking process.
Know where meat comes from
and understand ethical issues
around beef.

Easter Gardens and
Cards.

**Mechanisms: Pop up
books.**
Cutting and assembling with
accuracy.
Constantly evaluating progress
against design.
Understand sliders, levers and
linkages.

Christmas Fayre

**Electrical Systems:
Electrical Greetings
Cards.**
Experimenting with
circuits.
Knowing the function of
different components.

Electronic Systems.
Making an electrical circuit.
Vocab – Insulator, conductor,
LED, battery, coin cell batteries.

Easter Gardens and
Cards.

**Food: Adapting a
recipe.**
Adapt a recipe by adding
or altering the ingredients.
Prepare food hygienically.

Summer Fayre
Activities.



Year 5

Christmas Fayre

**Mechanisms:
Slingshot Cars.**
Using nets and tabs to
design and make the car
body.
Measuring, marking,
cutting and assembling
accurately.
Testing products.



Year 4

Summer Fayre Activities.

Structures: Castles.
Demanding skills (paper
engineering/paper folding).
Application of prior knowledge
and increasing knowledge of
nets.
Evaluate work.

Easter Gardens and
Cards.

Food: Eating Seasonally.
Safely preparing fruit and
vegetables.
Following a recipe.
Knowing what foods are in season
and when.
Understand the benefits of food
by their colour.

Christmas Fayre

Structures – Windmills
Assembling accurately
Cutting neatly
Understanding what
mechanisms are.

Summer Fayre
Activities.

Textiles: Pouches
Use running stitch to join two
pieces of fabric together.
Threading a needle
Sewing a running stitch.

Food: A Balanced Diet.
Chopping safely using a
bridge grip.
Understanding how fruit and
vegetables grow

Summer Fayre Activities.

**Textiles:
Cushions.**
Pupils learn to sew cross
stitch and applique.

**Food: Healthy
Smoothie.**
Chopping fruit and veg
safely.
Understand the difference
between fruit and veg.

Easter Gardens and
cards.

Year 2

Christmas Fayre

Easter Gardens and
Cards.

Mechanisms: Moving Monsters
Create functional linkages that produce the
desired input and output motions.
Select and assemble materials.

Year 3

Christmas Fayre

Year
1

Mechanisms: Wheels and Axels.
Measuring and cutting accurately.
Researching and testing mechanisms.
Understanding how an axle works.

Summer Fayre Activities.

Structures – Boats

Food- Soup

Seasonal Project

Junk Modelling

Early
Years

Textiles- Bookmarks