

## SCIENCE:

Animals including humans - How can we compare different animals?

We can classify them into groups.

Seasonal Changes - How do seasons affect us?

Weather, flooding, climate change all have an impact.



## HISTORY:

Why do we celebrate bonfire night?

To celebrate the fact that King James 1st did not die at the hands of the plotters.



## GEOGRAPHY

What are the capital cities of the UK and their surrounding seas?  
London, Edinburgh, Cardiff and Belfast.  
North Sea, Irish Sea, Atlantic Ocean.

Why do we use maps and navigation tools such as a compass? To help us find landmarks and the direction we need to travel.



## COMPUTING:

What is an algorithm? A set of instructions that tell you/a computer what to do.

How can we create and debug simple programs? Use software such as scratch and Rapid Router.



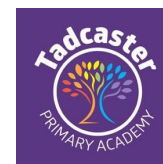
## ART:

Drawing - sketching faces from the present and past

Painting - Bonfire Painting



## Time travellers



## TEAM JUPITER - CYCLE ONE 2023-24 TOPIC PLAN

## DESIGN AND TECHNOLOGY:

How can we design, make and evaluate different structures such as the Houses of parliament and Tower Bridge?

We need to know what materials are suitable and how we can join these together using glue, sellotape or different joining techniques.



## MUSIC:

Listening - Rondo Alla Turca by Mozart and Mars from the planets by Holst.

Singing - Listen to and imitate song phrases using mi and soh.

Composition - compose rhythmic patterns and perform on various instruments.



## PE:

Multiskills

Games - net and wall

Athletics

Orienteering



## PSHE

Relationships - roles of people, staying safe and how behaviour affects others.

What does an engineer do? What does a scientist do?

What does a computer programmer do?



## RE:

Believing

Who is a Christian and what do they believe?

Christians believe that Jesus is the son of God.



## WOW MOMENTS, EXPERIENCES AND TRIPS:

Visit to St Mary's Church in Tadcaster - exploring Christian artefacts.

Comparing different animals - fish from fishmongers, rabbits from butchers. Look at skeletons.

Virtual Reality human x-ray.

Visit from the NY fire service to talk about fire safety, link to Bonfire night/Guy Fawkes.

Design a Fireworks Safety Poster after a visit from the NY Fire Service.

Visit from NY Police about staying safe online.

History timeline in provision area

Fireworks in a glass <https://www.science-sparks.com/firework-in-a-glass/>

Beebots to navigate the United Kingdom using floor mats

DT Design, make and evaluate The Houses of Parliament.

Test Tower bridge for strength - link to materials.

## KEY TEXTS :

The Bible

Fairy Tale Pets

How to Hide A Lion

## LEARNING WEBLINKS

Science

BBC Bitesize Animals and Humans <https://www.bbc.co.uk/bitesize/topics/z6882hv>

BBC Science Games <https://www.bbc.co.uk/bitesize/topics/zdp4382>

BBC Seasonal Changes <https://www.bbc.co.uk/bitesize/articles/zhtp2v4>

BBC Changing Seasons <https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-wonders-of-nature-the-changing-seasons/zh4rkmn>

5 Types of Science Enquiry <https://www.bbc.co.uk/bitesize/topics/z2ddmp3>

### History

The story of Guy Fawkes <https://www.youtube.com/watch?v=khdDSkNQ4IQ>

Who was Guy Fawkes? <https://www.bbc.co.uk/bitesize/topics/zjkj382/articles/zjsqbdm>

The Gunpowder Plot <https://www.twinkl.co.uk/resource/t-t-2548983-guy-fawkes-story-powerpoint>

### Geography

Four Nations <https://www.hamilton-trust.org.uk/topics/key-stage-1-topics/we-are-britain/four-nations/>

Four Countries <https://www.bbc.co.uk/teach/class-clips-video/geography-ks1--ks2-the-united-kingdom/zhtgrj6>

### RE

What is Christianity? <https://www.bbc.co.uk/bitesize/topics/ztkxpv4/articles/zvfnkmn>

Christianity videos <https://www.bbc.co.uk/bitesize/topics/zdykxs/resources/1>

## Design Technology



Structures, Mechanisms, Electrical Systems (Y2 linked to KS2), Cooking and Nutrition, Textiles

BBC Design Technology <https://www.bbc.co.uk/bitesize/subjects/zb9d7ty>

Make a compass <https://ourpastimes.com/sudoku.html>

Structures [https://teachers.thenational.academy/subjects/design-technology?utm\\_medium=social&utm\\_source=twitter](https://teachers.thenational.academy/subjects/design-technology?utm_medium=social&utm_source=twitter)

Make a picture linked to a Fairy Tale <https://www.stem.org.uk/resources/elibrary/resource/25790/which-parts-your-picture-should-move>

Design Museum <https://designmuseum.org/whats-on/families>

## Food Design Technology

<https://realfood.tesco.com/recipes/fruity-frozen-yogurt-bites.html>

<https://realfood.tesco.com/recipes/dinosaur-biscuits.html>

<https://www.bbcgoodfood.com/recipes/rainbow-pizzas>

<https://www.bbcgoodfood.com/recipes/easy-banana-pancakes>

## Computing

BBC Digital Literacy <https://www.bbc.co.uk/bitesize/topics/zymykat>

BBC Computing <https://www.bbc.co.uk/bitesize/subjects/zyhbwmn>

BBC Computer Science <https://www.bbc.co.uk/bitesize/topics/z3tbwmn>

