Jewell Academy
an Aspirations Academy

Year 3: Autumn Term 2 2026

Fantastic Forces: Forces & Magnets

Driving Question:

Is there a place for magnetic toys and games in a digital world?

Launch:

We will be exploring a range of magnetic board games and toys and evaluating the use of magnets to enhance the gameplay experience.

Overview:
In our new topic, we will be taking on the role of designers, where we will be exploring how magnets can be used to create an engaging and enjoyable board game. Within this topic, we will be considering how magnets are used in everyday life along with how magnets work.

Science
Sort and classify magnetic and non-magnetic materials.

Geography
Explore UK and local land use.

English
Winter's Child by Graham Baker-Smith
To write a fantasy story based on a modern fable.

DT
Create a shell structure to make a box for our magnetic games.

Vocabulary:

magnet
force
pull
South Pole
North Pole
attract
repel
magnetism
push
compasses
direction

Learning conversations to have at home:

Investigate your home to find items which have a magnet inside of them.
Bags and jewellery might have a magnetic clasp to keep them closed. Your refrigerator door might have a magnet to keep it tightly closed to ensure the inside stays cold. Microwaves contain a magnet in order to create a magnetic wave to help heat your food.

Discuss with your child areas in the UK that you have travelled to or would like to go to. What does it look like there?
Ask your child to recall from Year 2 the capital cities within the UK: London, Cardiff, Belfast, Edinburgh.

Topic Home learning:

Choose your activity!
Why not research all about how magnets work and how they are used in the world around us?
Create a magnetic maze game.

On or before: Tuesday 1st December 2026





Future Careers:

We will be joined by an Interior Designer who can help us think about how creativity and design is an important part of her career.

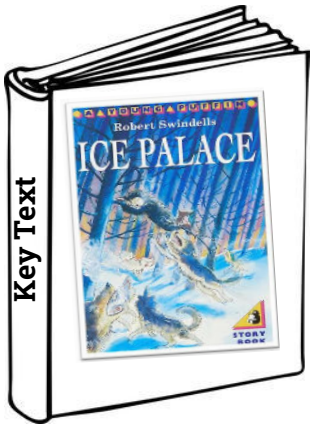
Landing:

Following our learning about magnets, we will be creating magnetic fishing games to help year 2 children learn maths in a fun way.

Reading
This term our key text is 'The Ice Palace' by Robert Swindells. Ivan sets out into the frozen wilderness to rescue his younger brother, trapped in the Ice Palace by the sinister Starjik.

What would you do if you had to travel through a frozen wilderness to rescue someone you loved?

How does Robert Swindells build tension and make Starjik seem frightening?



Which character do you admire most in the 'Ice Palace' and why?

How does Ivan change during his journey to rescue his little brother?

English

- ★ Narrative writing focus
- ★ Fronted Adverbials
- ★ Subordinating Conjunctions
- ★ Direct Speech

How can you help at home?

- ➔ At home or out and about, encourage children to come up with different adjectives to describe what you see.
- ➔ Discuss use of inverted commas in books. Find exciting verbs for 'said'.

Maths

- ★ Addition and subtraction
- ★ Multiplication.
- ★ Money.

How can you help at home?

- ➔ Encourage your child to practice their times tables for 10 minutes a day on TTRockstars.
- ➔ When you are out shopping ask your child to add up two numbers mentally.

Science
We will be learning how magnets can attract or repel each other.

Geography
We will be learning about the United Kingdom and the local land use.

Music
We will be learning how to play the 🎸Ukulele

PSHE
We will be celebrating how and why we are all different, along with why this is important.

DT
We will be learning about joining materials when creating our own board games.

Computing
We will be learning about E safety- self image and online relationships

Physical Education
We will be learning about tactics in invasion games and working together as a team.

Physical Education
We will be learning about travel on a range of apparatus and how to dismount equipment safely.

Spanish
We will be able to recognise, recall, remember and spell up to ten animals

Religious Education
We will be exploring if celebrating Christmas brings a feeling of belonging to a Christian.

Dates for the diary
Tuesday 24th and Wednesday 25th November 2026 – Parent's Evening
Friday 27th and Monday 30th November 2026 - INSET days.
Friday 18th December 2026 - Last day of term (1pm finish).