

Dear Parents,
Happy New School Year!

Welcome back! We hope you have had a lovely break and are ready for a fun and action-packed 2025/6 with Year 5.

Our creative topic this term will focus on welcoming the children back to school after a lovely summer break. We will study a Geography topic – A Tale of Two Settlements - where we compare and contrast Barcelona with Alquezar. During the project, the children will use maps, data and geographical skills to locate Barcelona and explore its climate, time zone, transport, services, culture and key human and physical features. They will then classify Barcelona as a city before comparing it with Alquézar. To complete the project, they will investigate another world settlement and share their findings.

Spellings are taught and practised on a daily basis with a view to using them correctly in our work.

We plan to give out a range of topic tasks as an optional piece of homework. In addition to this, the children **must** read every day and learn their times tables. The children are expected to know their times tables facts up to 12×12 . We are continuing with times table practice in school which builds in the skills needed in the Year 5 curriculum.

Our Science topic is Forces in Motion. During this project, children revisit prior learning about forces and discuss the two types: contact and non-contact forces. They learn about gravity and observe it in action. They revisit learning about friction and design a comparative test to explore its effect. They will learn in detail about the frictional forces of air and water resistance and conduct investigations to observe them in action. They will learn about mechanisms, including gears, pulleys and levers and follow instructions to investigate how these simple machines use forces to make tasks easier. .

If you have any concerns about your child's learning, please do not hesitate in organising a telephone appointment where we can have a chat. Alternatively, you can email Mrs Sinclair at jsinclair@cameverlands.org.uk or Miss Butcher, who will teach our Fridays, at jbutcher@cameverlands.org.uk

Check out these fun facts about gravity!

Gravity is an invisible force that pulls on objects. Gravity cannot push.

All objects pull on each other with a force of gravity, but most things are too small to notice!

The tides of the sea are caused by the Moon's gravity pulling on the Earth and its water. When the moon is at its fullest, we can get some extra high tides!

Black holes have the strongest pull of gravity of anything in the Universe. Black holes are places in outer space where the gravity is so strong that it can light can't escape them!

Isaac Newton created special laws about gravity. However, an apple never fell on his head!

Due to the Great Plague, Isaac had to leave Cambridge University. It was while he was away that he wrote about gravity and motion.

In 1687, Newton published Philosophiae Naturalis Principia Mathematica, one of the most important scientific books ever written.

Albert Einstein used Newton's ideas about gravity to develop his theory of relativity.

Weight is a force, so it should be measured in "newtons" (N), not in kilograms.

The Sun's gravity is much bigger than Earth's. It holds all the planets of our solar system in orbit.



Information for Parents

Year 5
2026-2027
Term 1

A Tale of Two Settlements



Barcelona



Park Güell

As always, your support of us in the home is very much appreciated and these are some of the ways in which you can help your child this year:-

- Continuing to read frequently with your child. Questioning your child helps to consolidate the story – if you need any ideas, please jot a request in the reading journal.
- Continuing to help your child to practise their times tables up to 12×12 and the corresponding division facts. Useful website or app if you prefer <https://whiteroseeducation.com/1-minute-maths> which practises all the skills we will use in Year 5.

In literacy we will revise comprehension, grammar and spelling activities as well as up-levering creative writing. The children will focus on *The Hidden Figures* by Margot Lee Shetterly as a base for a variety of writing activities including stories, poetry and instruction writing.

In Numeracy we will concentrate this term on place value up to 1,000,000. They will learn the value of 10s, 100s, 1,000s, 10,000s, 100,000s and 1,000,000s and will use place value charts for addition and subtraction using place value. This forms the basis of much of the maths work this year so it is useful to embed this learning first. We will also look at Roman Numerals, adding and subtracting 4-digit numbers and line graphs.

PE will be on Tuesday and Friday. We are covering netball and health exercise/communication skills. **Could you please ensure that your child wears their PE kit in on those days and they bring a spare pair of shoes and socks in case of a wet field.** PE kit should consist of jogging bottoms, shorts, t-shirt, trainers (not daps as the field can be wet) and two pairs of socks (ideal if one pair gets wet).

In RE we will be studying the question, “What influence does believing in the Trinity have on Christian worldviews? and will be continuing to consider all religions as a comparison to Christianity in order to achieve a broad outlook