

Lights, Camera, Action!

English	We compose letters of application to jobs within the school (office assistants, school shop, etc). We then move on to a fiction-based unit of work where we explore how to create effective character descriptions. We continue to develop our SPaG (spelling, punctuation and grammar) skills.
Maths	We begin the year by revising and extending our knowledge of the '4 operations'. Within sets, we begin to apply this knowledge to working with decimals, multiples of 10 and how these can be used to solve problems in other areas of maths (e.g. fractions, area & perimeter, average calculating)
Science	In this science-based topic we learn about the forces of: gravity, magnetism, friction, upthrust, water resistance and air resistance. We conduct practical experiments to help children develop their scientific skills and ability to make predictions and draw conclusions. We also learn about light, sound and electricity during this half term.
Computing	We begin by discussing online safety issues, including cyberbullying. Our first unit is 'We Are App Designers' in which we plan the creation of an app and pitch a proposal to our classmates. We learn how GPS works and explore the capabilities of smartphones and tablets.
History	Linking to our science topic, we learn about the lives of key scientific figures from history. (For example, Isaac Newton and his work in gravity.). We also do a project on local history to help commemorate Wythall's role in WWI, WWII and the Falklands.
Geography	The children will use maps and grid referencing to locate places of interest linked to our local history project.
PE	In games, we develop our skills in invasion games (netball and tag rugby). In PE, we use mats, benches, vaults, bars and ropes to explore the role of tension and balance.
Art & Design	We develop our drawing skills by observing and sketching still and moving human figures. We then use rapid-fire photography to capture body movement (e.g. a cartwheel) and create art based on that movement. We explore a range of techniques (sketching, tracing, silhouetting) to produce this work. We also look at photographers and artists whose work has shown a particular focus on capturing movement.
Design & Technology	We investigate how periscopes are designed and we then make our own to use in school! This is linked to our scientific learning on light. We also learn about pulleys and levers. We apply this knowledge to a series of design challenges.
Music	We explore the role of tempo, pitch, timbre and dynamic in creating a mood in music. We consider how certain music styles 'fit' different images and films. We use Audacity sound engineering software to manipulate music and voice recordings. Children participate in a weekly Key Stage music assembly.
RE	We learn about Sikhism. This includes the basic principles of the faith and answers questions such as: Where do Sikhs worship? How was the faith founded?
PSHE	Each week, our school assemblies have a weekly theme. This could be a specific value, such as fairness or cooperation, or it could be linked to current cultural festivals, such as Harvest or Eid. PSHE lessons will link to these themes and allow the children to explore them in greater depth.
Spanish	We learn how to introduce ourselves and greet our friends. We also learn the numbers up to 10.