Year 3 Overview Summer 2026

	In class your child will….	At home you could…..
Science		
Forces and Magnets	In this unit, students will explore the concept of forces, focusing on motion across various surfaces. They will investigate contact forces and the unique properties of magnetic forces. Additionally, students will observe magnet interaction, identify magnetic materials, and describe the two poles of magnets. They will predict outcomes based on pole alignment, enhancing their understanding of these fundamental scientific principles.	*Identify metal objects at home and whether they may be magnetic or not. Perhaps do this whilst sorting the recycling.* *Set up ramps with a toy car. How does the height of the ramp affect how far the car travels? Can you cover the ramp with different materials? What effect does this have?* *Encourage your child to test which household objects are magnetic using fridge magnets and discuss why some materials attract while others don't. You can also try a simple experiment by using toy trains or bar magnets to demonstrate how like poles repel and opposite poles attract.*
Rocks and soils	During the summer term, students will explore various rocks, comparing and grouping them based on appearance and physical properties. They will learn about fossil formation, the role of soils, and engage in scientific enquiries, making systematic observations and accurate measurements. Through data gathering and recording, students will communicate findings, draw conclusions, and develop critical questioning skills.	*Make science fun at home with hands-on rock and fossil activities! Go on a **rock hunt**, collecting and sorting stones by texture and colour. Create **homemade fossils** by pressing leaves, shells, or toy dinosaurs into clay or salt dough to explore how fossils form. Dig up a patch of **soil** and examine what's inside—are there tiny stones, roots, or creatures? Add water and observe changes. These simple activities spark curiosity and build scientific thinking!*
Computing		
Handling data and Online Safety	Children will talk about the different ways data can be organised and will search a ready-made database to answer questions. Children will learn about their online community and how to keep safe online. They will also learn about being good digital citizens including the impact of posting comments online.	*Discuss databases that you may use at home, for example, the search or filter function on an online shopping website.* *Discuss with your child the importance of staying safe online and agree your own rules for using devices at home.*
Religious Education		
What kind of world did Jesus want? **How and why do people try to make the world a better place?**	Children will learn about some of the stories of Jesus and how he is said to have helped people in need. We will think about how people of different faiths, and of no faith, try to make the world a better place. Children will think about how religious and non-religious people try to make good choices and improve the world around them.	*Discuss how we can all work together to make the world a lovely place to be. Ask your child what they can do? Research some people and groups who campaign for world improvements.*

Geography		
Volcanoes and Earthquakes	In this unit, Year 3 students will explore the dynamic processes of volcanoes and earthquakes. They will identify the Equator, Northern Hemisphere, and Southern Hemisphere, and locate major earthquake and volcano belts, including the 'Ring of Fire'. Focus will be placed on the Bay of Naples, key towns, cities, and physical features such as Mt. Vesuvius, alongside Iceland and Mt. Eyjafjallajökull. Students will understand the structure of the Earth, how volcanoes form, and their features. They will also examine land use in volatile regions, tools such as keys and symbols on maps, and utilise atlases and thematic maps for locational awareness.	*Bring geography to life at home with hands-on activities! Explore an atlas or online maps with your child to find the **Equator**, **Northern and Southern Hemispheres**, and the **Ring of Fire**. Can they locate famous volcanoes like Mt. Vesuvius or Mt. Eyjafjallajökull? For a fun science experiment, try making a **baking soda volcano** using vinegar to simulate an eruption. This is a great way to discuss why some volcanoes explode while others ooze lava!*
Design Technology		
Structures – Shell Structures protect the dragon egg	Your child is about to take on an exciting design challenge as a "packaging engineer" on a mission to protect a dragon egg! They will explore real-life packaging, discovering how everyday materials keep fragile items safe. They will investigate box designs, take them apart to see how 2-D shapes (nets) form 3-D structures, and practise building their own models. Using creativity and problem-solving, they will design and make their own protective box, choosing materials and techniques carefully. Finally, they will test, evaluate, and improve their creation through fun drop and shake challenges—just like real designers!	*At home, you could encourage your child to explore packaging in everyday life. When opening boxes or parcels, look closely at how they are made—discuss the materials, how they are folded, and how they protect what's inside. You could challenge your child to take apart a small box and rebuild it, discovering how 2-D nets form 3-D shapes. Encourage creative activities like designing and decorating small boxes using recycled materials such as cereal boxes. Talking about why some designs are strong or protective, and testing their creations with gentle "drop tests," will deepen learning in a fun, practical way.*
Art		
Printing	Children will learn about the process of relief printing, and how the technique can be mastered to give a crisp image. They will look at the work of print makers and what inspires their work. The children will create their own tile and print a repeating image.	*Look at prints around your home- wrapping paper, tea towels and clothes are all examples of where repeating prints can be found. Which parts are coloured and where can the outline be found? Discuss how the outline would need to be removed from the tile so that it stays white.*
Personal, Social and Health Education		
Relationships	Children will discuss roles and responsibilities in the family, friendships and the concept of being a global citizen. This unit will also include additional learning about online safety.	*You may wish to discuss the importance of different people's roles within their families, friendship groups and wider society. You could discuss the lives of people across the globe and how daily life in other places can be similar and different to your family's day to day life.*
Changing Me	The children will learn about changes that happen in animals and humans between conception and growing up, including learning that it is usually the female who has the baby. They will learn about how babies grow and develop in the mother's uterus and about what a baby needs to live and grow. They will discuss how boys' and girls' bodies change during the growing up process. They will identify what they are looking forward about moving to their next class.	*Discuss with your child how they have changed since they were a baby. You could look at some family photographs together.*

Music		
Compose using your imagination **Enjoy improvising**	Children will improvise music for a range of purposes through exploring different musical structures. They will develop their skills of composing music; writing melodies that represent how they want their music to sound and feel.	*Encourage your child to answer questions about different music they listen to at home. Does the song tell a story? What can you hear? How does the music make you feel?*
Physical Education		
Athletics	The children will develop and improve skills in jumping, running, throwing and catching, as part of their Athletics lessons. They will practise putting sequences of jumps together and devise throwing and catching challenges.	*To develop their skills, play throwing and catching games to develop hand eye coordination and gross motor skills. Try different types of running, e.g. sprint races in the garden or jogging longer distances together.* *Discuss why it is important to get regular exercise and how different sports or activities develop certain muscles, coordination or flexibility in our bodies.* *Follow some of the celebrity you tube work outs, such as Joe Wicks or Oti Mabuse's dance classes.* *Set up obstacle courses in the garden or around the house with a mixture of skills and strengthening activities. Can you do it against a timer? Can you beat your time?*
Rounders	In Rounders, the children will learn defensive strategies and develop their batting, bowling and fielding skills. They will improve their hand eye coordination and control.	
Languages		
French - **Je peux ...** **I am able to ...**	In this unit pupils will learn 10 familiar activities that they are able or are not able to do in French. This is one of the first units introducing the negative form, allowing the children to build more interesting and complex sentences including the option of using conjunctions.	*Play some games to practise the vocabulary for these topics.* *Go on the website www.languageangels.com* *Click on 'LOGIN'* *Select 'PUPIL LOGIN'* *3P Username: Willand3P* *3P Password: WillandPupil* *3WL Username: Willand3WL* *3WL Password: WillandPupil* *Select which device you will be playing the games on (computer or tablet)* *Click on 'Karaoke' to sing along to French songs* *Click on 'Games'. Then select "Level 2" then you can select any of the units we have been learning about to practice.*