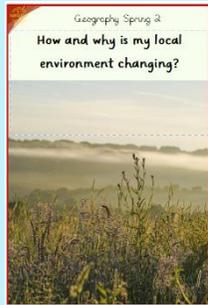Class Darwin – Spring Term 2025 Second Half

Geography

How and why is my local environment changing?
Place-Based Study (local area) focussing on the changes to the Nansledan locality now and over time.

Computing

Spreadsheets
Pupils will collect data and enter it into a spreadsheet. They will recognise that data can be calculated using different operations and apply formulae to calculate data needed to answer questions.

Science

Living things and their habitats
Pupils will:
Classify living organisms, understand the kingdoms of life, classify living things using the Linnaean system, identify the characteristics of different types of microorganism, investigate asexual reproduction through spore dispersal, classify and describe a living organism.

RE
What difference does it make to believe in ahimsa, grace and/or ummah?

Art
Children explore creative photographic techniques, creating new images through photomontage, understanding photorealistic self-portraits, and applying digital photography to art design, enhancing their skills in composition and editing.

English

VIPERS
Holes by Louis Sachar
Different types of questions during reading skills sessions, e.g. how to provide evidence from the text, find and copy and impressions with evidence.

Writing
Non-fiction – persuasive letter
Fiction – character description

Our Class book.

Topic Title
Happy snappers!

Key Question
How can you take the perfect photo?

Our Key Virtues
Integrity

Maths

Ratio
Adding and multiplying, ratio language and symbol, ratio and fractions, scale drawings, scale factors, ratio and proportion problems, recipes.

Algebra
One-step function machines, two- step function machines, form expressions, substitution, formulae, forming equations, solving one- and two-step equations, finding pairs of values, solving problems with two unknowns.

Area and Perimeter
Shape, area and perimeter, area of different triangles and parallelograms.

Statistics
Line graphs, dual bar charts, pie charts, pie charts with percentages, the mean.

PE
Hockey

Dance (Street Art)

Music
You've Got A Friend
Genre: 70s Ballad/Pop
The music of Carole King
I know how to evaluate how the venue, occasion and purpose affects the way a piece of music is created.

PSHE/ Spanish

SCARF
Rights and responsibilities

Spanish
At what time…?

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Wow Moment Enquiry Day: Photography afternoon!	**Fabulous Finish:** Children will have the opportunity to showcase their work to parents in a gallery in the hall, time and date TBC

Enrichment opportunities
  - Children will have the opportunity to discuss their work and the work of others with professional photographers throughout the unit.

Suggested Learning Opportunities at Home:
  · Have a go at taking photographs based around a theme, e.g. with 'fun, family and excitement'.
  · Taking a good photo: find the right situation. Keep your eyes peeled for a good situation. Is someone really enjoying something? Is someone sitting in a nice setting? Is it a special event? A good photographer always has their eye out for a good shot.
  · Decide what to include. What needs to be in the shot? Obviously, the subject (people or things) but what else? Do you really need that shopping bag in the background? Is there something relevant in the background? If there is, include it. If in doubt, include it and you can crop your photo later if you need to get rid of things on the edge.
  · Is it better portrait or landscape? Have a look at what you want to include and decide if it is better landscape or portrait. This is all to do with which way round you hold the camera. If in doubt, take your photo both ways round and see what looks better later.
  · Be natural. There's nothing worse than an awkward-looking photo where people look really self-conscious. Be cheery and make people feel at ease. If someone doesn't want their photo taking, respect how they feel and don't include them.
  · Experiment with angles. Don't just take a photo from where you are standing. This might be right for some situations but you can be more adventurous with your shots. Try a shot while squatting down or holding your arms up high and shooting down on the subject. Try from one side or the other, or even from behind. You may be surprised at how much better a photo can be just by varying the angle.
  · Choose your focus. You need to decide which bit of your photo is the most important and make sure that this bit is in focus and not blurred. Most digital devices automatically focus on the centre of the screen but you might have to tell your device where to focus if your subject is at the side.
  · Take some photos. As we have mentioned before, take lots of photos and decide which to keep later. Try a few different angles or positions.
  · Edit your photographs afterwards. Most people will be taking digital photos which will be on a computer or device after you have finished shooting. Take time to really have a detailed look at what you have taken. See what they look like in black and white too. Make copies of the photographs and experiment with cropping the edges to change the composition and start to choose the best photos.
  · Choose your final shots. Have a final look through your photos and check that you've done all that you can to make them as good as possible. Ask the opinion of a friend or trusted adult if you really can't decide between two photos.