

**Learning in Smarties Class**

In smarties we have been enjoying learning about lots of new subjects this half term.

In English we have been following our space topic and we have been making up our own space story using some great describing words.

In Science we have been learning all about different forces – gravity, friction, air resistance, levers and pulleys. We have enjoyed doing lots of experiments on these.

Smarties class have also been studying rivers as part of their humanities. Pupils had the chance to follow the river Nene from school all the way down to the mouth where it then joins the sea. It was a great experience and the children really enjoyed it.



**Science – Anglia Way**

**In KS3 Science this half term we have covered States of Matter.**

Lessons included: Particles, Particle model, Diffusion, Mixtures, Solubility and Filtration.

The Yr8 Group planned an experiment on Solubility and carried out the experiment. Yr8 also carried out an experiment of separating mixtures.

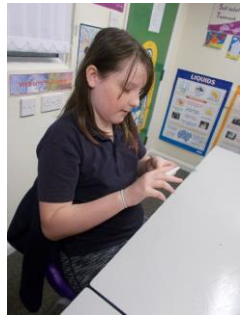
KS3 have demonstrated a good understanding of States of Matter and have all worked really well within groups and completed all their given tasks.

**Topics covered in KS4 were:**

Microscopy – Pupils carried out research on the History of Microscopes and carried out an experiment using a light microscope.

Waves and completed the Electromagnetic Spectrum wave activities.

Respiration – Aerobic and Anaerobic, and the Gas Exchange System.



**Cultural Day – Japan**

On the 25<sup>th</sup> November all the children’s learning was based around the culture of Japan. They learnt all about schools, writing, geography, cuisine, art and religion of the country, as well as experiencing some of the foods that are eaten in Japan. All pupils across both sites were fantastic, enthusiastic and wonderfully behaved. A great day all round!



### Forest School – Meerkats and Koalas

Forest School takes on a different dimension now winter is on us. Learning about the Oak King and Holly King, the Winter Equinox and Yule Tide and Advent. Cooking and food continue to be a big stimuli for our group with fire lighting and maintenance becoming more essential. We thank all parents/carers for ensuring children come with multiple layers of warm clothes that can be added or in some cases shed as necessary.

The team have enjoyed using the new rechargeable drill, with choices to make reindeers, stars and snowmen. Whittling continues to be a popular pass time as does sitting around the campfire putting the world to rights, listening to and offering advice for other’s problems whilst cooking a variety of foods independently from damper bread to pancakes.

The woodland takes on its own beauty as the weather changes. The frosts changed the trees and spiders webs into a natural winter wonderland last week. It was breath taking!



### Maths – Anglia way

Pupils have completed some amazing work in Maths this term ranging from their normal scheme of work topics to hands-on activities including loop cards, tarsia puzzles, Numeracy Ninja and Bingo. Students have also been taught how to play Dominoes and this has become an icon in the Maths department where students are now becoming very competitive when playing. As shown in the pictures below with the Year 8’s – they are completing a Circuit Maths challenge in Algebra and finishing off with a game of Dominoes. Well done to the pupils at Anglia way for a great term of fantastic learning. Your Maths teacher is sooooooooooooo proud of you!!!



### PSHE and Humanities – Anglia Way

In Humanities, KS3 pupils have been comparing life from the 20<sup>th</sup> century to today. They have researched televisions, cinemas, holidays and the swinging sixties! Pupils loved dancing around to The Locomotion and creating invitations to their own 60s party.

In PSHE, KS4 pupils have been sharing their thoughts on alcohol, smoking and body image. All pupils have discussed the consequences these may have on our health and some great maturity has been portrayed.

Some great work has been created by all pupils at Anglia Way in Humanities and PSHE.



### Foodwise



In Foodwise, the YR8's have been testing various foods to identify the presence of Carbohydrates. This has been part of their module on Healthy Eating.

### Employability

In Employability the Yr10s have been making their own Monopoly board - which features local businesses. They will be working as a team and ultimately joining forces to see who can win using the best strategies of play.



### Learning in Koalas Class

This half term the main topic in Koalas class has been 'Let's Celebrate!' where we have looked at many different celebrations from around the world. We began the half term by studying The Gunpowder plot where we retold the story and then wrote fantastic firework senses poems. The pupils came up with brilliant descriptive phrases! We then moved on to Remembrance Day – a highlight here was creating some fantastic poppy artwork. We also studied Thanksgiving, Diwali, Hanukkah and Christmas. In addition to this we have continued working hard on our phonics and Maths. Well done Koala pupils!



### Learning in Puffins Class

We have continued with our topic of Space and Earth but in science we have focused on forces. We have looked at gravity, friction, air resistance and water resistance, carrying out many different experiments. Many discussions were had about how these forces affect the Earth and our day to day lives.

In literacy we have written poems, learning all about rhythm and rhyme and how to use similes and metaphors. We also spent some time writing imaginary diaries all about the first ever Mars Base – the children did some excellent work.

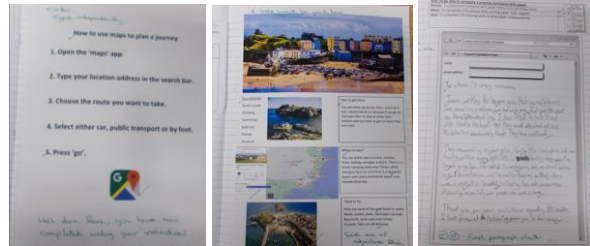
We have also learnt how to read Ordnance Survey maps correctly using 6 figure grid references. Also the children have really got to grips with fractions, and all the maths that goes with it. The children have also built kites and had regularly trips to Forest School.



### English – Anglia Way

This term the students have been examining non-fiction writing. They have studied various types of non-fiction texts including: brochures, letters, reviews, news articles, emails and instructions. Students then wrote their own pieces of non-fiction writing, including travel brochures, informal letters and instructions.

All students then put their skills to the test by completing an assessed non-fiction writing task. Years 9 and 10 completed Functional Skills exam questions and all did very well. The students have enjoyed learning about the features of non-fiction writing and now understand what is required for the differing text types they may come across in daily life. In addition, all students have continued to develop their spelling, punctuation and grammar skills as well as continuing to enjoy a game of Scrabble – a firm Cambian favourite!



### Cooking – Sessions House

This term we have a variety of things this term. Mostly pastry, making it in different ways. The students enjoyed making Spanish omelette and cheese and ham quesadillas. They all enjoyed making cheesy triangles and making mince and vegetable pie, they looked amazing and had some feedback from parents on how good they were. Xmas cupcakes and ginger bread. Very proud of them all.



### Art and Humanities

Smarties and Puffins Classes have been looking at Science in their Humanities lessons this half term. To compliment this they have completed Marble run projects in Art/DT. These gave them a practical knowledge of forces, friction and gravity. Below are some pictures of the finished projects.



### Cracking Christmas Dinner!

On Wednesday 16<sup>th</sup> December we held a Christmas lunch for staff and pupils on both sites. We began the morning with Christmas activities such as crafts, card making and quizzes then before the pupils went home, we tucked into a fabulous Christmas dinner cooked by staff. It was a great opportunity for us all to come together and celebrate!

