

## Topic Plan – Sharks – Summer Term 2019

### Science – Light and Sound

- How are sounds made?
- How does sound travel?
- What are pitch and volume?
- How do we hear sounds?
- Which materials best reduces the sounds we hear?
- What is light?
- What is it like to see in a very dark place?
- What is the secret of a mirror?
- How are shadows made?
- How can we change a beam of light or shadow?

### Art

- Taking photos and editing to create monotone photos to help explore light and shadows
- Using light and dark tones to produce self portraits
- Using Devon artist Hester Berry as an influence for tonal paintings
- Exploring light and shadows in our natural environment and using this to influence our own artwork
- Exploring light and dark in art using homemade scraper boards
- Studying the work of contemporary artist Andrew Logan, playing with materials that glitter and sparkle, producing treasure glitter boards

### DT – Musical Instruments

Investigating, designing and making musical instruments using our Science knowledge. Reinforcing the key concepts that sound is made when objects vibrate but that vibrations can not necessarily be seen, how to change pitch and loudness and that vibrations require a medium through which to travel.

### Music – Learning a brass instrument and recorder

- To familiarise themselves with the instrument/s and learn how to produce a sound.
- To play rhythms and keep a steady beat
- To change the pitch of sound
- To represent sounds using a variety of notation
- To understand that sound can be layered
- To apply instrumental skills to composing
- To develop the skills needed to perform
- To understand the value of rehearsal
- To perform to an audience
- To reflect on learning and consider different instruments

### DT – Completing our seasonal food unit

- Sample some spring seasonal food before designing their own balanced seasonal meal for a Viking feast.
- Cook with the seasonal ingredients following their own recipes and using a wide range of preparation and cooking techniques.
- Evaluate their product against their design criteria.
- Practise appropriate hygiene rules for handling meat and fish and safe preparation skills.

### RE

- When Jesus left, what was the impact of Pentecost? We will be finding out what happened after the crucifixion and what this means for Christians nowadays
- How special is the relationship Jewish people have with God? We will be learning what Jewish people think about God and how this affects their daily life.

### PE

Rounders and athletics as well as outdoor and adventurous activities which includes Forest School, Orienteering, the climbing wall (hopefully) and even more for those year fours going to Hooke Court. Our daily mile, Maypole and Go Noodle sessions also contribute to our PE curriculum.

### Science - States of matter

- Compare and group materials together, according to whether they are solids, liquids or gases.
- Observe that some materials change state when they are heated or cooled, and measure the temperature at which this happens in degrees Celsius (°C),
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

### French

- Continuing to build sentences using masculine and feminine , plural and singular nouns

### Computing

- Use some of the advanced features of applications and devices in order to communicate ideas, work or messages.
- Using coding to solve puzzles and problems, programming characters and objects.

<b>Reading</b> <u>(Please do not read this at home... It spoils the suspense and skills of prediction).</u> Operation Gadgetman by Malorie Blackman. Children will certainly enjoy the action, whilst savouring the opportunity to crack codes and solve a number of engaging mysteries.	<b>Writing</b> Learning and exploring a discussion text, eventually resulting in a discussion that links with our Science topic; 'Are streetlights always necessary?' and 'Should loud music be played in public places?' We will also research, explore and write a report into the reduction of noise pollution when Durweston Bridge shuts in June as well as finding and out and writing up what we know about Evelyn Glenny, the deaf percussionist. As part of our fiction writing, we will write a Wishing Tale, using our science theme of light to explore the power of the sun. Finally, we will aim to write a newspaper recount reporting the invention of the lightbulb. <b>Grammar/Punctuation</b> <ul style="list-style-type: none"> <li>• Possessive apostrophes</li> <li>• Semi colons</li> <li>• Inverted commas and further rules for using speech</li> <li>• Editing skills</li> <li>• Using a range of different sentence structures for impact and interest.</li> </ul>	<b>Spelling</b> Prefixes: <ul style="list-style-type: none"> <li>• auto-</li> <li>• ex-</li> <li>• inter-</li> <li>• anti-</li> <li>• non-</li> </ul> Suffix: <ul style="list-style-type: none"> <li>• -ous</li> </ul> And: <ul style="list-style-type: none"> <li>• Adverbials of time and place</li> </ul>	<b>Maths</b> Decimals Money Mass, volume and length Area Geometry Position and Movement Roman numerals
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<b>Possible Visits</b> Hooke Court Climbing Wall – Bryanston George Hosford's farm Forest School	<b>Environmental issues</b> Exploring the important topics of light and sound pollution.	<b>Global Learning/British Values Philosophy4Children</b> We will explore current events through watching Newsround and looking at Picture News (weekly online resource). We also ensure opportunities to discuss themes and questions as they come up from the children. We will be looking at cooperation from a global viewpoint, particularly in the current political climate by exploring the question: How important is trade?	<b>School Values: Cooperation and Patience</b> These values will be explored and recognised in all that we do. We will identify them within ourselves as well as others and learn what the positive impact of these values could mean for ourselves and our friends and families.
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#### Diary Dates (STC)

29.04 – Hooke Court meetings with Year 4 and their parents.

12.04 – Maypole at the Country Fayre

05.06 – Hooke Court

10.06 – Arts Week

12.06 – Music Celebration evening

17.06 – DT week

19.06 – Sports Day

24.06 – Orienteering week

03.07 and 04.07 – Summer Performance

Summer 2019

Dear Parents/Carers,

We hope the Easter bunny visited and completed your holiday with a smile! As usual, the Summer Term is packed full of activities and excitement as we hurtle towards the finishing line in July. Check out the diary dates and be prepared for some exhausted children!

#### Music

The children will all have the opportunity to learn a brass instrument this term. They will not get a choice of which one as this is left up to the brass teacher but I'm sure you'll agree (over time and with earplugs) that this is an amazing opportunity. Alongside, I'd really like to do a series of recorder lessons with the class using our online tuition resource, Charanga. Although we do have a few recorders in school, I'd really appreciate the children bringing their own in to learn on. They are one of the more inexpensive tuned instruments to purchase and a great one to start a musical journey, usually with quick results. Alternatively you could scout around friends and family and borrow one for the term. Any help with sourcing these would be much appreciated. Of course, plenty of practise makes fast progress!

The children will also have the opportunity to take part in an Opera workshop later on in the term as part of Arts Week. This has kindly been organised by Theo's Mum, Heather, and will provide the children with yet another avenue to express their musical talents!

## DT

We were so busy last term, that we didn't quite complete our DT project on seasonal foods. Probably just as well as the seasonal foods for March were looking less than desirable. (Kale, kale and more kale.) Therefore, we will be using our newfound knowledge of seasonal foods to produce a seasonal feast in the first few week back. The children will have the opportunity to prepare, cook and sample some seasonal fruits and vegetables as well as meat and fish. Obviously we will encourage the children to try things before declaring that they are revolting but no-one will be forced! Please do let us know if there are any updates to your child's food allergies so that we can plan accordingly.

Our next DT project will be looking at musical instruments, tying in with our learning in Music and Science. We plan to eventually make some instruments of our own. Could I please ask you to start collecting and bringing in any of the following for this particular project:

- Cardboard tubes of any size. The insides of loo rolls, kitchen rolls, wrapping paper or parcel/poster tubes.
- Plastic tubes – firm or soft; hose pipe, water piping,
- Balloons
- Rubber bands
- Plastic funnels
- Small offcuts of soft wood
- Copper piping offcuts, preferably not sharp
- Mouthpieces from party blowers
- Wooden dowelling
- Corks
- Metal bottle tops, like the ones from beer bottles (if you've been waiting for an excuse!)
- Large margarine tubs
- Balls of string

Homework reminder 'cut  
out and keep.'

Reading age appropriate  
texts 4-5 times a week

2 tasks completed each  
week in reading record

Sumdog/TT rockstars; little  
and often

Spelling practice - Spelling  
shed; little and often

Sorry to have to keep asking you for more and more things but it does mean that we can provide so many more lovely learning opportunities than our otherwise deflated budget would allow us to do. Many thanks for your continued support. If you ever have any questions, please don't hesitate to talk to one of us.

The Sharks Team