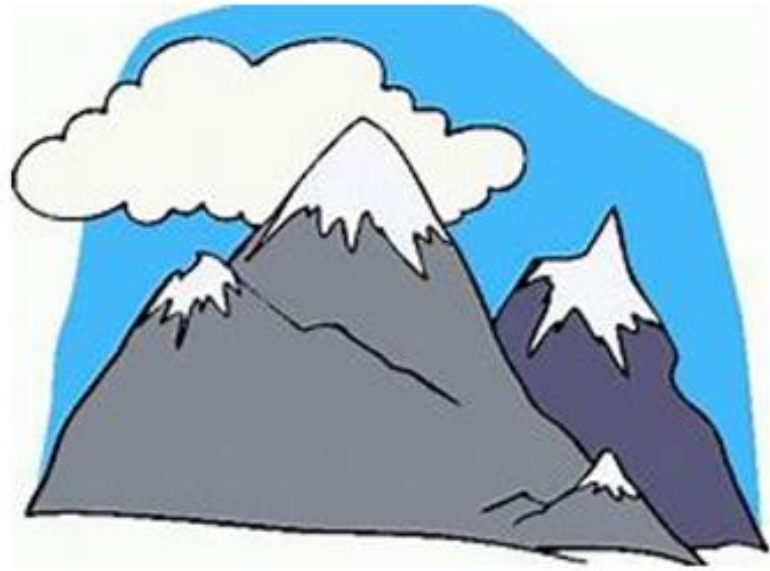


Term 2: Aspirational

What are you doing to show that you love to learn?



Aspirational



- Being the best we can be
- Showing a love for learning
- Supporting the school aims
- Believing in ourselves to achieve our goals
- Working hard and doing our best.

KS2

	8:50-9:10	9:15-9:55	10:00-10:45	BREAK	11:10-11:55	LUNCH	13:00-13:25	13:30-14:30	14:30-15:00
Bob Mizon - Dark Skies, astronomy	Intro to the day plus What does a scientist do? - questions	Owl Class	Hare Class		Fox Class		What does a scientist do? - <u>answers!</u>	Whole school science show - hall	wrap up day, read/listen to Dr Seuss book, Newsround
John Sparrow - Trilogy Communications		Fox Class	Owl Class		Hare Class				
Teacher-led STEM activity (to be provided)		Hare Class	Fox Class		Owl Class				

EYFS/KS1

	8:50-9:30	9:30-10:00	10:00-10:30	BREAK	11:00-11:55	LUNCH	13:00-13:25	13:30-14:30	14:30-15:00
Badger Class	Intro to the day, role play and discussing different jobs	What does a scientist do?*	Aspiration leaves		STEM activity		What happens to our extra food?	Whole school science show - hall	wrap up day, play then read/listen to Dr Seuss
Squirrel and Hedgehog Class		Aspiration leaves	What does a scientist do?*		STEM activity		The Pantry Partnership (virtual)		

* Mrs Holtby and Mrs Williamson, Dstl



KS2 - what do you want to find out? Maybe you want to know why is the sky blue, how are rainbows formed or will coronavirus ever go away?

Collate some questions and we'll hopefully come back with answers after lunch from our two, local scientists from Dstl.

When I Grow Up I Want to Be



dentist



librarian



firefighter



artist



bus driver



mechanic



caretaker



mountain rescuer



builder

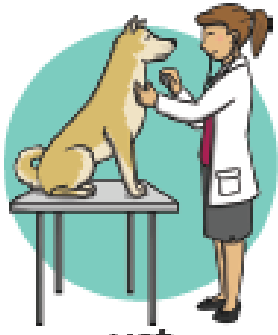


post deliverer



life guard

When I Grow Up I Want to Be



vet



teacher



lollipop person



chef



police officer



lunchtime supervisor



paramedic



nurse



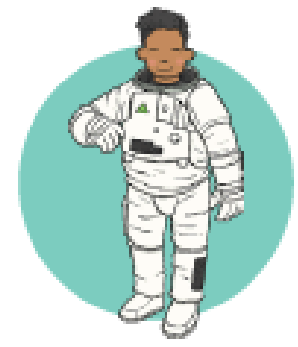
milk deliverer



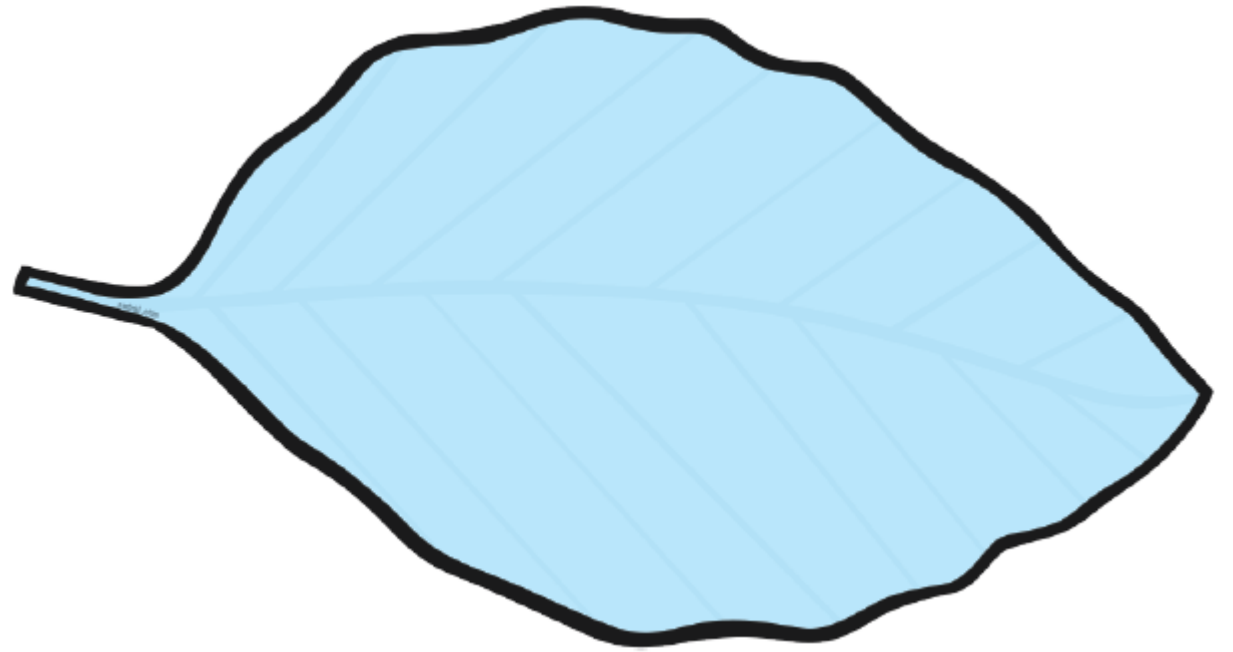
footballer



doctor



astronaut



EYFS/KS1 - We're going to draw and/or write on the leaves to fill our own tree.
What would we like to do when we're older or what qualities do we want to have when we go through school?

Perhaps you might have to persevere at something or keep doing what you love.

STEM challenge - watch the video first for top tips! (~4mins).

Your challenge is to build the longest, complete bridge that is able to support toy vehicles.



The bridge must be at least 30cm tall.



The best bridges from each class will be judged so you may want to use some of your skills from 'Resourcefulness Day'.

<https://www.youtube.com/watch?v=T13NRKzCqHk>

The Pantry Partnership - what happens with food that is too good to waste?

<https://www.youtube.com/watch?v=O6krjUbj2zA>



Our brains are incredible but sometimes we can fool them -
have a go at the challenge!



<https://www.amnh.org/explore/ology/brain/trip-up-your-brain2>

Dr Seuss 'Oh, the places you'll go'

Flipchart for you to read aloud <https://fliphtml5.com/hskwf/vhoy/basic>

or a video of the book being read <https://www.youtu.be.com/watch?v=fmOCyP4VyP4>



Answers!

1. How was the world and the universe made? Big Bang! The force of the bang pushed everything outwards. No friction in space.
2. How do people get sick? We have good bacteria inside our body and our own defence system called antibodies. Sometimes our bodies get tired and run down and then become overwhelmed by other microbes (bacteria, viruses and parasites).
3. Why is chicken pox called chicken pox and why do you only get it once? Chicken pox is derived from chickpeas and the rash resembles chicken pecks. You only get it once because our body develops enough antibodies to protect us, however, the virus lies dormant and can come back if you are poorly and then you will get shingles.
4. When will people be more environmentally friendly? Hopefully with COP26, politicians will make more achievable promises that we will stick to.

5. Have you discovered types of dinosaur and how many are there? No - dinosaurs became extinct 65 million years ago. Lots of fossils have been discovered.
6. How are clouds formed? Water evaporates and condenses to form tiny liquid droplets. They are so small that they stay suspended in the sky.
7. How is a rainbow formed? The light reflects off water and light breaks down into all the different colours - the rainbow!
8. Can a water bear survive the black hole? No living organism can survive a black hole as their molecules would be ripped apart!

1. Is coronavirus the same as flu? Flu is a type of coronavirus but it is not the same. It causes similar symptoms but Covid19 is a specific virus.
2. Why is the sky blue? Light comes from the sun and the chemicals in the atmosphere reflect the blue light, which is able to bend and scatter best.
3. Why do the planets orbit the sun? The sun is the bigger object and so we naturally fall around it due to gravity.
4. How do we make medicine? Some medicines come from plants in the rainforest, others are made from actual bacteria e.g. Alexander Flemming and penicillin (antibiotics).
5. How are chemical reactions formed? Chemical reactions are atoms that are un-stable. They bond together with other atoms to become stable and in doing so give off a chemical reaction.

1. Is there an edge to the universe and, if so, where is it? There is no edge! Space spreads out infinitely in all directions.
2. What are black holes? Black holes are a space where gravity pulls so much that light cannot get out. Nothing can escape from it!
3. How far a way is the next galaxy? The nearest galaxy to us is the Canis major dwarf galaxy. It is 25,000 light years away!
4. Is there an illness that makes you not feel pain? Yes; it's called CIPA (Congenital insensitivity to pain and anhidrosis (sweating)) and affects 1 in 25,000 people.
5. Does space smell? We can't smell it, as noses don't work in a vacuum, but astronauts have reported smelling a metallic smell.