

Year 4 Spring 1

Science Crucial Knowledge

Animals Including Humans Food Chains

- Food chain – The process of how animals and humans get their food.
- All food chains start with a producer which is always a plant that converts the sun's energy into food.
- Animals then eat the producer and are called consumers.
- Sometimes animals eat other animals. These are called predators.

Geography Crucial Knowledge

It's a small world...or is it?
Name and locate countries

- Locate the UK, France, Spain, Germany, Italy, Greece, Russia, Poland, Romania, Hungary.
- There are 23 countries in North America.
- The largest country in North America is Canada.



- There are 12 countries in South America.
- The largest country is Brazil.



Art & Design Crucial Knowledge

Painting

- Shade is a darker version of a colour.
- Tint is a lighter version of a colour.
- Complimentary colours sit across from each other on the colour wheel.

Computing Crucial Knowledge

Data - Data Logging

- Technology can be used to sort data.
- **Data** is a collection of information that can be stored on a computer.
- **Input:** A device that gives data to a computer system, such as a keyboard, mouse, or physical sensors such as data loggers.
- A data logger collects 'data points' from sensors over time
- Data gathered over time can be used to answer questions

Vocabulary: data, table, layout, input device, sensor, logger, logging, data point, interval, analyse, dataset, import, export, logged, collection, review, conclusion.

Physical Education Crucial Knowledge

Invasion:
tag rugby

- Competitive sports are games where the aim of the game is to win
- Collaboration is working with others to achieve/create something.
- Competing means to do your best against others.
- Attack is to try to move past and score against the opposing team.
- Defend is to block the other team and stop them from scoring.

	<ul style="list-style-type: none"> • Throw is to push an object by hand with a sudden forward motion ending with straightening the arm and wrist. • Catching is the use the hands to stop and hold a moving object. Eyes on the object, Fingertips together (two handed catch) Catch the object, then grip it.
Striking & Fielding: rounders	<ul style="list-style-type: none"> • Technique is a way of carrying out a particular task • Agility is how quickly you can change direction whilst maintaining speed, balance and power. • Co-operation is when you work together with others to achieve a result. • Run is to move quickly using your feet. • Movement is when changing position, posture or place. • Communicating with others giving and receiving information. • Striking is when you hit a ball with a bat or racket.

Music

The Doot Doot Song	<ul style="list-style-type: none"> • Duration is the length of time each note is played for. • Beat is the heartbeat of the music. • Pitch is how high or low a sound is. • Melody is an arrangement of notes. • A chord is 2 or more notes played at the same time and work in harmony. • Structure is the way a piece of music is organised. • Timbre is the quality of a sound. • Improvise means to make up the music on the spot.
---------------------------	--

Religious Education

Commitment	<ul style="list-style-type: none"> • Easter is the most important festival in the Christian calendar. • Fasting means to go without food or water. • Lent is a time when Christians remember Jesus' fasting in the desert. • Lent is the time (40 days not including Sundays) leading up to Easter. • Lent is a time of giving things up e.g. meat, fish, fats, eggs, and milky foods. • The day before Lent starts is called Shrove Tuesday. (This is also known as Pancake Day). • Lent starts on Ash Wednesday.
-------------------	---

Personal, Social Health & Economic Education Crucial Knowledge

How do we treat each other with respect?	<ul style="list-style-type: none"> • Respect is listening, caring, taking turns, using manners, forgiving, being kind. • All children have the right to be treated with dignity and fairness, to be protected, to develop to their full potential and to an education. • Secrets are ok if it is something like a surprise party – not if it means you are uncomfortable or upset by what is said or done. Tell an adult you trust if this happens.
---	--

Spanish

English	Spanish	English	Spanish
He / she has hair.	El / ella tiene el pelo...	sister	la hermana
brown	castaño	brother	el hermano
dark brown	moreno	baby	el bebé
black	negro	grandmother	la abuela
blonde	rubio	grandfather	el abuelo
red	pelirrojo	His/her name is...	Se llama...
He / she has... eyes.	El / ella tiene los ojos...	He is (adjectives). She is... (adjectives).	El es... Ella es...
blue	azules	tall	alto (m) alta (f)
brown	marrónes	short	bajo (m) baja (f)
green	verdes	strong	fuerte
black	negros	kind	amable
In my family, there is...	En mi familia hay...	chatty	hablador (m) habladora (f)
mother	la madre	funny	divertido (m) divertida (f)
father	el padre	shy	tímido (m) tímido (f)