

Year 6 Spring 1

Science Crucial Knowledge

Animals Including Humans
The circulatory system

- The circulatory system transports substances around the body. It includes the heart, veins, arteries, capillaries and blood.
- The heart is an organ. It constantly pumps blood around the circulatory system. The heart pumps blood to the lungs to get oxygen. It then pumps this oxygenated blood around the body.
- Veins, arteries and capillaries are the three types of blood vessels.
- Water and nutrients (substances needed by the body to function) are transported around the body through the digestive and circulatory systems.

Geography Crucial Knowledge

It's a small world...or is it?
Similarities & Differences between UK and a place in South America

- Brazil is located on the continent of South America:



- The climate in the UK is mainly temperate (mild summers and mild winters) and the climate in Brazil is mainly tropical (hot and humid).
- The highest mountain peak in Brazil is Pico da Neblina and the highest mountain peak in the UK is Ben Nevis.
- The largest river in Brazil is The Amazon and the largest river in the UK is The Severn.
- Brazil has a larger population than the UK.
- The capital city of Brazil is Brasilia.
- One of the most famous human features in Brazil is the Christ the Redeemer statue which is in Rio de Janeiro.
- One of the most famous physical features in Brazil is The Amazon Rainforest.

Art & Design Crucial Knowledge

Painting

- Tertiary colours are equal amounts of primary and secondary colours.
- Neutral colours don't show up on colour wheel, e.g. white, black, beige.

Computing Crucial Knowledge

Data -
Introducing spreadsheets

- Technology can be used to sort data
- Data can be words, numbers, dates, images and sounds
- Spreadsheets organise data into columns and rows under headings
- In Spreadsheets, formulas can be used to produce calculated data
- **Vocabulary:** data, collecting, table, structure, spreadsheet, cell, cell reference, data item, format, formula, calculation, spreadsheet, input, output, operation, range, duplicate, sigma, propose, question, data set, organised, chart, evaluate, results, sum, comparison, software, tools.

Physical Education Crucial Knowledge

Rounders

- Movement is when changing position, posture or place.
- Communicating with others giving and receiving information.
- Collaboration is working with others to achieve/create something.
- Competing means to do your best against others.
- Throw is to push an object by hand with a sudden forward motion ending with straightening the arm and wrist.
- Catching is to 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.

	<ul style="list-style-type: none"> Striking is when you hit a ball with a bat or racket.
Tag rugby	<ul style="list-style-type: none"> 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. 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. Communicating with others giving and receiving information. Collaboration is working with others to achieve/create something.

Religious Education Crucial Knowledge

Taking Part	<ul style="list-style-type: none"> The Parable of the Good Samaritan is a story from the Bible about helping others. Charities are organisations designed to help others who are in need. Lots of charities are run by different religious groups. Christian charities (for example, The Salvation Army or Christian Aid) reflect Bible teachings. Dana in Hinduism means giving. This includes giving money to charity and donations.
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Personal, Social Health & Economic Education Crucial Knowledge

How can the media influence people?	<ul style="list-style-type: none"> Not all social media is good - it can show a false representation of someone or something with unachievable results. This can cause a negative effect on wellbeing. Not all social media is trustworthy – fake news can be spread on social media. The social media you use should be age appropriate. If something upsets you on social media, you should report it to a trusted adult. You can use technology to build a professional online profile that shows your experience, skills and career.
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Music Crucial Knowledge

You to me are everything	<ul style="list-style-type: none"> Duration is the length of time each note is played for. Rhythm is a pattern of long and short sounds. Pitch is how high or low a sound is. Tempo is the speed of the music. Timbre is the quality of a sound. Structure is the way a piece of music is organised. Texture is the different layers of sound in a piece of music. A 'cover' is a version of a song by a singer or band who did not originally perform the song.
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Spanish

English	Spanish	English	Spanish
Days of the Week	lunes, martes, miércoles, jueves, viernes, sábado, domingo.	When is your birthday?	¿Cuándo es tu cumpleaños?
Numbers 1-10	uno, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez	My birthday is...	Mi cumpleaños es el.. (date) de (month).
Numbers 11-20	once, doce, trece, catorce, quince, dieciséis, diecisiete, dieciocho, diecinueve, veinte	How old are you?	¿Cuántos años tienes?
Numbers 21-31	veintiuno, veintidós, veintitrés, veinticuatro, veinticinco, veintiséis, veintisiete, veintiocho, veintinueve, treinta, treinta y uno.	I have years. He/she has... years.	Tengo... años. Tiene... años.
Months of the year	enero, febrero, marzo, abril, mayo, junio, julio, agosto, septiembre, octubre, noviembre, diciembre		