

Year 5 – Summer 2 2025

Please note, as part of our compulsory science curriculum, we will be talking about some of the changes that happen during puberty – these are listed on the crucial knowledge below.

Any questions, please contact me by email – c.johnson@crackleybank.staffs.sch.uk

Science Crucial Knowledge

Animals Including Humans

- Humans are mammals.
- Gestation is the length of time it takes for an offspring to develop before it is born.
- Humans change as they grow from a baby to an adult.
- A human changes from: a foetus to a baby (infant), to a child, teenager (adolescent), early adult, middle adult, late adult (elderly).
- Puberty is the physical developments and changes from a child to an adult.
- In Puberty changes will include growing taller, hair growing over the body and pubic areas, voice changes, skin changes (oilier), muscles grow in boys, sweat glands produce more sweat and all body parts grow.

History Crucial Knowledge

The Mayans

- Mayan civilisation began in 2000 BC.
- The Mayans lived over 4000 years ago.
- The Mayans lived in parts of Mexico and America. This was known as 'Mesoamerica'.
- Spanish people landed in Mesoamerica in 1521. They attacked the Mayans and stole their land and gold.
- The Mayan people were very advanced at Maths, Science and farming.

Design Technology Crucial Knowledge

Food Celebrating culture and seasonality

- Bread is made by mixing flour, salt, water and yeast together and baking it in an oven
- Different ingredients can be added to bread to change its flavour
- Bread can be white or brown – brown bread is healthier than white bread

Computing Crucial Knowledge

Programming – Selection in Quizzes

CK/Vocabulary

- An **algorithm** is a precise set of ordered instructions which can be turned into code
- **Coding** is how we communicate with computers. Code tells a computer what actions to take.
- **Sequence**: steps carried out in order; a series of instructions is a 'sequence'.
- **Conditions** are statements that need to be met for a set of actions to be carried out.
 - When a condition is met, it is referred to as 'true' and when it is not met it is referred to as 'false'.
- **Selection**: A decision or a question
 - **Selection** is used to control the flow of actions in algorithms and programs by checking whether a condition has been met.
- **Debugging** is checking the code in a computer program to ensure it works and changing it if it doesn't.

Vocabulary Selection, condition, true, false, count controlled loop, outcomes, conditional statement, algorithm, program, debug, question, answer, task, design, input, implement, test, run, setup, operator

Music Crucial Knowledge

Balinese Gamelan

Musical Learning

- Develop knowledge and understanding of the Balinese musical forms of gamelan beleganjur and kecak.
- Listen and match vocal and instrumental sounds to each other, and to notation.
- Sing/chant a part within a kecak performance.

Key Musical Vocabulary

- Duration: cycle – a looped pattern of a fixed number of beats.
- Texture: interlocking – where 2 or more rhythmic parts connect and combine to make a whole.

	<ul style="list-style-type: none"> Compose a kecak piece as part of a group. 	<ul style="list-style-type: none"> Timbre: Kendang (drum), ceng ceng (cymbals), pot gongs, hanging gongs Other: Gamelan beleganjur (Indonesian percussion ensemble, often performed at religious ceremonies), kecak (a vocal chant), cak lesung (rice-pounding rhythms).
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Physical Education Crucial Knowledge

Net - Badminton	<ul style="list-style-type: none"> Striking is when you hit a shuttlecock with a racket. Strength is a measure of power. Technique is a way of carrying out a particular task. Communicating with others giving and receiving information. Competing means to do your best against others Run is to move quickly using your feet.
Athletics	<ul style="list-style-type: none"> Competitive sports are games where the aim of the games is to win Run is to move quickly using your feet. Jump is to lift off the ground from one foot onto two feet. During the flight of the jump, you should bend your legs slightly and land on two feet, with bent legs and without losing their balance. If you run and then jump the distance you jump will be longer 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. Strength is a measure of power. Technique is a way of carrying out a particular task. Movement is when changing position, posture or place.

Religious Education Crucial Knowledge

Values and Beliefs	<ul style="list-style-type: none"> Mohandas/Mahatma Gandhi was born on 2nd October 1869 in Gujarat – Western India. The name Mahatma means “great soul” (he was only called this after 1914). Mahatma Gandhi was an Indian political and spiritual leader, who was inspired by his Hindu beliefs. Mahatma Gandhi is famous for working to achieve freedom and equality for all in India and in Africa. He is remembered for his peaceful protests. He was nominated for the Nobel Peace Prize five times. He died – 30th January 1948 aged 78.
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Personal, Social Health & Economic Education Crucial Knowledge

What jobs would we like?	<ul style="list-style-type: none"> Not all jobs are paid, some may be voluntary (a way to help a charity or to gain experience). You should choose a job based on what you like doing, what skills you have which could be used. Careers advice, work experience, interest and qualifications can help you decide what job you would like to do. Not all jobs need similar skills - a shopkeeper is very different to the skills a hairdresser, or a doctor may need. All jobs can be done by men and women.
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Spanish Crucial Knowledge

English	Spanish	English	Spanish
How are you?	¿Qué tal? ¿Cómo estás?	a dog	un perro
I am...	Estoy...	a guinea-pig	una cobaya
good	bien	a cat	un gato
great	fenomenal	a tortoise	una tortuga
happy	contento (m) contenta (f)	a fish	un pez

ill	enfermo (m) enferma (f)	a bird	un pájaro
bad	mal	a rabbit	un conejo
sad	triste	a mouse	un ratón
Have you got any pets?	¿Tienes animales?	a hamster	un hámster
I have a ...	Tengo un / una		
Numbers 1-10	uno, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez		
Numbers 11-20	once, doce, trece, catorce, quince, dieciséis, diecisiete, dieciocho, diecinueve, veinte		