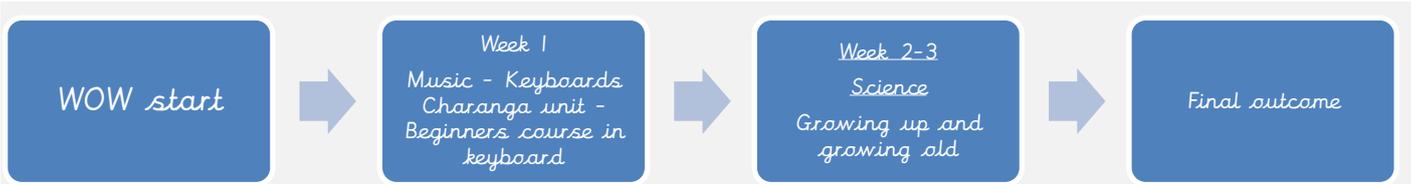


Year 5/6 Science based unit - Growing pains! (3 weeks)



Overview of unit: Children complete the charanga unit for beginners keyboard. This is followed by the science unit 'growing up and growing old' where children learn about the timeline of human lives and how they change as they grow up.

Thinking scientifically skills	Science knowledge	Music skills (keyboard)
<ul style="list-style-type: none"> Present scientific data accurately in a variety of ways and identify patterns in it: Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models. Report findings from enquiries, explanations involving causal relationships, and conclusions. 	<ul style="list-style-type: none"> Give an explanation of what happens during pregnancy. Describe how various mammals have different gestational periods. Describe some of the changes that happen as children grow up into adults. Describe some of the changes that happen during puberty Describe the changes as humans develop to old age. Describe how height changes as we age Describe changes that happen as we reach old age. Discuss some of the problems that older people face Explain some of the reasons why humans are living longer. <p>Previous Knowledge: New learning</p>	<ul style="list-style-type: none"> Play in solo and ensemble contexts, playing musical instruments with increasing accuracy, fluency, control and expression. Use and understand staff and other musical notation. Listen with attention to detail and recall sounds with increasing aural memory. Develop an understanding of the history of music. <p>Previous Knowledge Keyboard (compose, play and perform) Use their voice and instruments with increasing accuracy, fluency, control and expression</p>

PSHE skills

- Key facts about puberty and the changing adolescent body, particularly from age 9 through to age 11, including physical and emotional changes
- About menstrual wellbeing including the key facts about the menstrual cycle

During this term, there will be a Sex Education topic covered separately

Previous learning: New learning

During this term, there will be a Basic First Aid topic covered for Year 5

Previous learning: Basic First Aid - know how to make a clear and efficient call to emergency services if necessary. Concepts of basic first-aid, for example dealing with common injuries, including head injuries

Previous PSHE Vocabulary: healthy, physical, risk, dental, hygiene, germs, bacteria, immunisation, vaccination.

- *(know how to make a clear and efficient call to emergency services if necessary)*
- *Concepts of basic first-aid, for example dealing with common injuries, including head injuries*

Mammals will have different lengths of gestational periods and humans' is 9 months.

We change as we age.

Humans live longer because of medical advances and lifestyle/environmental factors.

Music reflects social and cultural contexts.

Tempo is the speed of the music.

Duration is the length of time of the piece of music.

Timbre is the texture of the music – how the instruments sound when they are layered and the effect they create

There are 7 notes which are repeated on the keyboard.

The black notes on a keyboard are sharps or flats.

Pregnancy

Puberty

Gestation

Development

Changes

Tempo

Rhythm

Octave

Notes