Year Group: 10 Term: Two

We are learning:

Bioenergetics

- Photosynthesis
- Rate of photosynthesis
- Uses of glucose from photosynthesis
- Aerobic and anaerobic respiration
- Response to exercise
- Metabolism

How can you support your child:

- Encourage them to make revision posters on each of the sub-topics within the topic of bioenergetics.
- Encourage them to make cue cards with questions and answers on all the sub-topics with the topics of bioenergetics.
- Encourage them to use the notes, videos, and quizzes, on BBC Bitesize.
- Encourage them to use Seneca Learning to supplement and secure their knowledge on the topic.

Try asking them:

- State the word and symbol equation for photosynthesis.
- Describe and explain three factors which impact the rate of photosynthesis.
- Describe three uses of glucose in a plant.
- State the word and symbol equation for respiration.
- State the word equation for anaerobic respiration in animals.
- State the word equation for anaerobic respiration in plants and yeast.
- Define metabolism.

Useful Links:

Specification (Combined Science) = https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF

Specification (Separate Science) = https://filestore.aqa.org.uk/resources/biology/specifications/AQA-8461-SP-2016.PDF

Senecal Learning = https://senecalearning.com/en-GB/

BBC Bitesize (Combined Science) = https://www.bbc.co.uk/bitesize/topics/zgr997h

BBC Bitesize (Separate Science) = https://www.bbc.co.uk/bitesize/topics/zgws7p3