Year Group: 11 Term: One

We are learning:

Homeostasis and response

- Homeostasis
- The human nervous system
- Hormonal coordination in humans
- Control of blood glucose concentration
- Hormones in human reproduction
- Contraception
- The use of hormones to treat infertility
- Feedback systems

How can you support your child:

- Encourage them to make revision posters on each of the sub-topics within the topic of homeostasis and response.
- Encourage them to make cue cards with questions and answers on all the sub-topics with the topics of homeostasis and response.
- 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:

- Define homeostasis.
- Describe a reflex arc starting from stimulus and ending with effector.
- Where are the following hormones released from: Adrenaline, Thyroxine, oestrogen, and testosterone.
- Describe how insulin and glucagon work to control blood glucose concentrations.
- Describe the function of the following hormones in the menstrual cycle: Oestrogen, progesterone, LH, and FSH.

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/zyybb82

BBC Bitesize (Separate Science) = https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7