**Respiration Tasks**

Lesson 1: Aerobic Respiration

**Task 1**: Complete the spaced retrieval questions. Try answering these from memory!

**Task 2**: Read through the information on slides 6 to 9 and make notes.

**Task 3**: Watch the video about aerobic respiration, shown on slide 10. Answer the questions on slide 11.

**Task 4**: Draw and label a picture of a mitochondria using slide 13 to help you.

**Task 5**: Complete the mitochondria task on slide 14.

**Task 6**: Read the information on slides 16 and 17 and then plan an experiment to show that humans release carbon dioxide when they exhale.

Lesson 2: The Effect of Exercise

**Task 1:** Complete the spaced retrieval questions. Try answering these from memory!

**Task 2:** Read through the information on slides 25 to 29 and make notes.

**Task 3:** Visit the BBC Bitesize website about the effect of exercise, shown on slide 30. Answer the questions on slide 31.

**Task 4:** Complete the first ‘interpreting data’ task on slide 33.

**Task 5:** Complete the second ‘interpreting data’ task on slide 35.

**Task 6:** Describe an experiment that you could use to test the fitness levels of your classmates.

Lesson 3: Anaerobic Respiration

**Task 1:** Complete the spaced retrieval questions. Try answering these from memory!

**Task 2:** Read through the information on slides 43 to 45 and make notes.

**Task 3:** Watch the video about anaerobic respiration, shown on slide 46. Answer the questions on slide 47.

**Task 4:** Read through the information on slides 49 to 50 and make notes. Complete the ‘interpreting data’ task on slide 51.

**Task 5:** Watch the video about fermentation, shown on slide 54. Answer the questions on slide 55.

**Task 6:** Copy and complete the table on slide 57 by putting ticks in the boxes that apply to each type of respiration.

Lesson 4: Metabolism and the Liver

**Task 1:** Complete the spaced retrieval questions. Try answering them from memory!

**Task 2:** Read the information on slide 64 and make notes. Create a mind map of all of the chemical reactions in the body that you can think of.

**Task 3:** Visit the BBC Bitesize website shown on slide 68 if you want to learn more about these reactions.

**Task 4:** Read the information on slides 70 to 72 and make notes.

**Task 5:** Use the picture shown on slide 73 to describe the breakdown of lactic acid.

**Task 6:** Answer the 6-mark question about the role of the liver as an ‘organ of respiration’.

Final Task!

**How much have you learnt?** Try the BBC Bitesize quiz shown on slide 78 to find out!