

Home Learning – Half term 2 - November and December 2020

2 weeks' worth of lessons

Subject			
Year group	Class	Key topic areas	Activities, links and instructions
7			Completion of Mastery Booklets uploaded to teams
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9	All classes –	Biology - How living things get what they need Chemistry - A closer look at the atom Physics - Transferring heat.	Go to BBC bitesize KS3 and research the following topics. Take notes on your learning and attempt the quizzes they offer. You might later present your learning as a poster, or make up your own simple questions to assess your own learning the next day. Topics; <ul style="list-style-type: none"> • The heart and the blood • Plants and photosynthesis • Atoms, elements and compounds • Energy stores and transfers
10	Science – all classes	See individual topics for each class below	Completion of the knowledge retriever after studying the knowledge organiser. See page numbers for different classes below.
10	Biology separates	Hormonal coordination and homeostasis	Study the organiser pages 30-35 Complete the retriever pages 77-89
10	Biology trilogy	Photosynthesis and respiration	Foundation <ul style="list-style-type: none"> - Study the organiser pages 22-24 - Complete the retriever pages 57-63 Higher <ul style="list-style-type: none"> - Study the organiser pages 21-23 - Complete the retriever pages 54-59
10	Chemistry separates	Chemical calculations	Study the organiser pages 20-23 Complete the retriever pages 49-57
10	Chemistry trilogy	Chemical changes	Foundation <ul style="list-style-type: none"> - Study the organiser pages 57-59 - Complete the retriever pages Higher <ul style="list-style-type: none"> - Study the organiser pages 57-61 Complete the retriever pages 143-153

10	Physics separates	Electromagnetic waves	Study the organiser pages 40-48 Complete the retriever pages 99-121
10	Physics trilogy	Wave properties	Foundation <ul style="list-style-type: none"> - Study the organiser pages 103-105 - Complete the retriever pages Higher <ul style="list-style-type: none"> - Study the organiser pages 102-104 - Complete the retriever pages 259-265
11	Science – all classes		Completion of the knowledge retriever after studying the knowledge organiser. See page numbers for different classes below.
11	Biology separates – Classes 1 and 2 only	Variation and evolution	Study the organiser pages 41-43 Complete the retriever pages 103-109
11	Biology separates – Class 11A+4 only	Genetics and evolution	Study the organiser pages 36-45 <ul style="list-style-type: none"> - Complete the retriever pages 91-115
11	Biology trilogy	Reproduction	Foundation <ul style="list-style-type: none"> - Study the organiser pages 29-34 - Complete the retriever pages Higher <ul style="list-style-type: none"> - Study the organiser pages 29-34 Complete the retriever pages 75-87
11	Chemistry separates	Crude oil and fuels	Study the organiser pages 34-40 <ul style="list-style-type: none"> - Complete the retriever pages 85-101
11	Physics separates	Forces	Study the organiser pages 27 - 30 Complete the retriever pages 65 – 67
11	Physics trilogy	Forces	Foundation <ul style="list-style-type: none"> - Study the organiser pages 95 - 97 - Complete the retriever pages 241 - 245 Higher <ul style="list-style-type: none"> - Study the organiser pages 94 - 97 - Complete the retriever pages 239 - 243