Course Overview	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
2021/2022	CHEMISTRY: ELEMENTS, MIXTURES & COMPOUNDS 1 1. what an atom and an element are 2. the approximate numbers of metals and non-metals in the Periodic Table 3. the names of at least two compounds 4. at least two word equations for reactions of metals and non-metals.	BIOLOGY: THE HUMAN BODY 1 1. the main function of the nucleus, cytoplasm and cell membrane as part of a cell 2. how cells may be specialised to carry out a particular function 3. the name, position in the human body and the main function of at least three tissues, organs or systems in the human body 4. the position and function of at least three parts of the digestive system.	PHYSICS: ENERGY, FORCES AND THE STRUCTURE OF MATTER 1 1. at least two examples of energy transfer 2. the idea of efficiency when energy is transferred, and two situations where unwanted energy transfer, or waste, can be reduced 3. at least three of the main energy resources available for use on Earth, stating whether each is renewable or non- renewable	CHEMISTRY: ELEMENTS, MIXTURES AND COMPOUNDS 2 1. what the three states of matter are and how each can be represented by models of particles 2. why the two forms of carbon: diamond and graphite, have different physical properties.	BIOLOGY: THE HUMAN BODY 2 1.the word equation for respiration 2. at least three facts about diet and exercise which influence a healthy or unhealthy lifestyle.	PHYSICS: ENERGY, FORCES AND THE STRUCTURE OF MATTER 2 1. what a force is in terms of push or pull acting on an object, including one example of a contact force and one example of a non- contact force between objects 2. one consequence of frictional forces acting on an object.
Assessment	Student file Investigations Practical Skills Formative Assessment	Student file Investigations Practical Skills Formative Assessment	Student file Investigations Practical Skills Formative Assessment	Student file Investigations Practical Skills Formative Assessment	Student file Investigations Practical Skills Formative Assessment	Student file Investigations Practical Skills Formative Assessment