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	Week 1	Week 2		Week 3
1.	What is the function of the skeletal system?	Write a word equation to represent a metal reacting with hydrochloric acid		Describe the motion and arrangement of particles in a solid
2.	What are the adaptations of a muscle cell?		2. [Describe the motion and arrangement of particles in a liquid
3. 4.	List 3 organs in the respiratory system Explain gas exchange	3. Describe what a displacement reaction is	3. [Describe the motion and arrangement of particles in a gas
5.	Describe the structure of DNA	4. What pHs are acids and alkalis5. List 4 properties of metals and 4 properties of non-metals		What is density? What is upthrust?
		properties or tien mercie		
	Week 1 answers	Week 2 answers		Week 3 answers
1. 2. 3. 4.	Week 1 answers To protect vital organs, to allow for movement, mineral reserves such as calcium Lots of mitochondria for energy, they are elastic so can stretch Lung, trachea, alveoli, diaphragm, bronchi, bronchioles When oxygen moves by diffusion from the lungs	 Metal + hydrochloric → metal + hydrogen acid chloride An oxide Where a more reactive element displaces a less reactive element from a compound 	2. F	Week 3 answers Particles are arranged in rows, tightly packed and vibrate around a fixed point Particles are close together but with some space between them and can flow past one another Particles are spread far apart and move

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	Week 4	Week 5		Week 6
3.4.	State the equation for photosynthesis What part of a cell is necessary for photosynthesis? How can we measure the rate of photosynthesis? What is carried by the xylem? What is carried by the phloem?	 How can we measure the average rate of reaction? How does concentration affect the rate of a reaction? How does surface area affect the rate of reaction? What is an endothermic reaction? What is an exothermic reaction? 	2.3.4.	What is a force? What is Hookes law? What is the law of conservation of energy? How can we calculate work done? What is a moment?
	Week Assessed	Week 5 answers		Week 6 answers
	Week 4 answers	week 5 answers		week o diisweis
1.	Carbon + water → glucose + oxygen dioxide	Reactant used or products produced time		A force is a push, pull or twist Extension is directly proportional to the
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