

Exam Paper 1

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Question 1: What is the difference between a physical change and a chemical change? Provide one example of each.

Answer 1: Physical change is when you burn a paper, and it turns into ashes. Chemical change is like water turning into ice when you put it in the freezer.

Question 2: Explain the water cycle and its key stages. Include the processes involved and how they contribute to the continuous circulation of water on Earth.

Answer 2: Water cycle is like a big washing machine for Earth. It starts with rain, then the sun sucks up water, and it becomes clouds. Clouds make rain again, and the cycle repeats.

Question 3: Describe the structure of an atom. Include the names and charges of its subatomic particles.

Answer 3: Atoms have electrons, neutrons, and protons. Electrons are negative, neutrons are neutral, and protons have a positive charge. They're like tiny planets in the solar system.