

**Answer the following questions as you watch the video.**

- 1) What is the name for tiny pieces that can't be broken apart any farther? (1 mark)
  
- 2) What 2 different particles are in the nucleus of an atom? (1 mark)
  
- 3) What particles are outside of the nucleus? (1 mark)
  
- 4) Are atoms mostly full or mostly empty space? (1 mark)
  
- 5) Approximately how many atoms can fit on the head of a pin? (1 mark)
  
- 6) All matter is made of \_\_\_\_\_ and \_\_\_\_\_ (2 marks)
  
- 7) A water molecule is 2 parts \_\_\_\_\_ and 1 part \_\_\_\_\_ (2 marks)
  
- 8) What makes one atom different from another atom? (1 mark)
  
- 9) What is the name of the table that all elements organized onto? (1 mark)
  
- 10) Every thing in the universe is either \_\_\_\_\_ OR \_\_\_\_\_ (2 marks)  
Give one example of each: (2 marks)
  
- 11) What element is in every living thing on Earth? (1 mark)