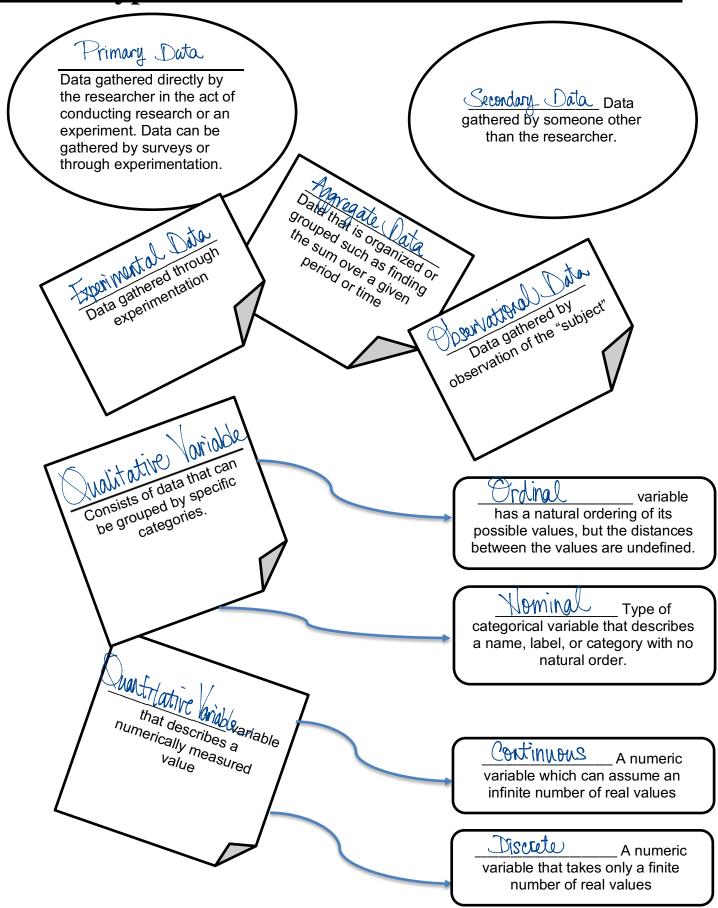
**Lesson: Types of Data** 



## **Practice: Types of Data**

1. Use the words given to complete the sentences below. Discrete, Continuous, Categorical, Secondary 32 pupils in a classroom fill out surveys.... a) Their favourite type of fruit is \_\_\_\_\_ data. b) The span of the pupils hands is \_\_\_\_\_data. c) The number of siblings each pupil has is \_\_\_\_\_data. 2. Data is collected on the following areas. For each, state whether the data is continuous, discrete, quantitative, or qualitative. The data may fit more than one of these categories. a) Favourite colours of 30 students \_\_\_\_\_ b) Time taken to run 100 m (to the nearest second) c) Duration of journey to school \_\_\_\_\_ d) Which subjects were chosen as an option e) Number of students in the school each year \_\_\_\_\_ f) Cost of the journey to school \_\_\_\_\_ 3. Sarah is reading an energy saving article on the internet. The article covers a broad range of topics. She learns that the average UK household uses 349 litres of water per day. a) Is household usage of water discrete or continuous data? \_\_\_\_\_ b) Is Sarah working with primary or secondary data? \_\_\_\_\_ 4. Give one advantage and one disadvantage of using secondary data. 5. Which of the following is a significant problem specifically associated with secondary data? a) It is not be accurate. b) It is biased. c) It may not address the aims. d) It is expensive.

## Answers:

1.a)categorical b)continuous c)discrete 2.discrete and qualitative b)discrete and quantitative c) continuous and quantitative d)discrete and qualitative e)discrete and quantitative f)discrete and quantitative 3.a)continuous b)secondary 4.advantage: take less time than collecting it yourself; disadvantage: unsure whether the sample is biased/representative/fair 5.it may not address the aims