

## DT Grade 5 Data Handling

### Unit 1:

#### Activity 1:

1. An example of text data

(name or address)



2. An example of number data

(age in years or passport number)

3. An example of date data

(date of birth)

4. Explain the data collection methods below and when they could be useful. Also identify if they are Manual or Electronic;

Data Collection Method	Explanation	Type (Manual/Electronic)
 <p>www.shutterstock.com · 172082504</p>	<p><b>Paper questionnaire / survey. Useful to collect data from many responders when there is no access to computers. Data will need likely need to be inputted to computer for handling.</b></p>	<p><b>Manual</b></p>
 <p>www.shutterstock.com · 376185307</p>	<p><b>Online questionnaire / survey. Useful to collect data from many responders. Data will be stored on a computer for easier handling</b></p>	<p><b>Electronic</b></p>

 <p>www.shutterstock.com · 344519045</p>	<p><b>Taking notes – Useful when collecting a small amount of information eg. An address or telephone number.</b></p>	<p><b>Manual</b></p>
 <p>www.shutterstock.com · 547178047</p>	<p><b>Online research – collecting data available from the worldwide web. This can be quicker than collecting new information or performing your own research</b></p>	<p><b>Electronic</b></p>

### Unit 1: Extension ‘UAE flag’

**Teacher Answer**

This is ONE possible solution; There can be many

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	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						
7						
8						

### Unit 1: Activity 5

Answer will vary for each class as data will be different for everyone

**Unit 2:**

**Activity 3:**

Distance	Length, Height and Width
From door to teachers desk	Pupil desk
From window to pupils table	Teachers desk
From air-conditioning to whiteboard	Door
	Window
	Whiteboard

All other activities answers will vary as it will depending on the data collected in your classroom/school

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**Unit 3:**

**Activity 3:**

Discuss in groups and note what you can see in the above line graph:

Laptop sales rise

Tablet sales rise

Desktop sales drop

Overall sales are higher in January and June

March is the lowest month for sales

Or another acceptable answer relating to chart data

**Activity 4:**

Answers will vary for this depending on Cities selected and how the data is collected (at home, in school, on uaeweather etc)

The Excel examples of 'Data input' and 'Line graphs' in students book will be similar to students work (data will change)