**Lesson 3: Creating a hypothesis.**

Task 1: Write down your two hypotheses.

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| --- | --- |
| Hypothesis 1: |  |
| Hypothesis 2: |  |

Task 2: Unscramble these words to create a list of primary data collection methods

|  |  |
| --- | --- |
| Usiqaoeentinr |  |
| Htppagsohor |  |
| Yusver |  |
| Lalty Ontcu |  |
| Pgimpan |  |

Task 3: Describe the difference between primary and secondary data

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Task 4: Sort the methods into 2 columns. Which are primary and which are secondary?

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| --- | --- |
| Primary | Secondary |
|  |  |

* Counting facilities & mapping where they were found.
* Online maps, e.g. Google maps
* Newspaper articles about the area
* Counting litter & mapping where it was found.
* Questionnaires
* Collecting information from the local council website
* Counting people walking through a specific area.
* Traffic count
* Census (population data
* Taking photographs
* Environmental survey

Task 5: What are the advantages and disadvantages of primary and secondary data?

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| --- | --- | --- | --- |
| **Advantages of Primary data** | **Disadvantages of Primary data** | **Advantages of secondary data** | **Disadvantages of secondary data** |
|  |  |  |  |

