**National 4 &5 Added Value**

Name Date

Centre ……………………………………………………………………………………………….

**Research Stage**

 National 4 or 5 – Topic Area

Having covered this key area in class, research and summarise the background Biology related to this topic.

INITIAL AIM

(This is the specific aspect you have chosen to study and it needs to clearly state the application and the effect on the environment or society.)

REVISED AIM (You can change your aim after the research had been carried out)

**N4 AVU 1.1** State clearly the issue to be investigated & state briefly in what way it’s relevant to the environment /society.

**Information on the application you are investigating**

Remember to make sure you find and record data/information to help you describe the application and its effect on the environment or society.

You must have at least two sources of data/information to use in your report.

**SOURCE 1** (This could be an experiment you have carried out.)

(Make sure you clearly record your results and analyse what you have found out.)

Source selected

 **SOURCE 1 (continued)**

Reference source 1

|  |
| --- |
| How useful is source 1 for your topic? |
| ☺ | 😐 | ☹ |

|  |  |  |  |
| --- | --- | --- | --- |
| How reliable is source 1?**Think about**Who wrote it?Who published it? | ☺ | 😐 | ☹ |
| Explain your decision |

**SOURCE 2**

Source selected

Reference source 2

|  |
| --- |
| How useful is source2 for your topic? |
| ☺ | 😐 | ☹ |

|  |  |  |  |
| --- | --- | --- | --- |
| How reliable is source 2?**Think about**Who wrote it?Who published it? | ☺ | 😐 | ☹ |
| Explain your decision |

**SOURCE 3**

Source selected

Reference source 3

|  |
| --- |
| How useful is source 3 for your topic? |
| ☺ | 😐 | ☹ |

|  |  |  |  |
| --- | --- | --- | --- |
| How reliable is source 3?**Think about**Who wrote it?Who published it? | ☺ | 😐 | ☹ |
| Explain your decision |

Source selected

ADDITIONAL INFORMATION

Reference additional information

|  |
| --- |
| How useful is the additional information for your topic? |
| ☺ | 😐 | ☹ |

|  |  |  |  |
| --- | --- | --- | --- |
| How reliable is source ?**Think about**Who wrote it?Who published it? | ☺ | 😐 | ☹ |
| Explain your decision |

**N4 AVU 1.2** Appropriate and sufficient information gathered from at least two sources.

**N4 AVU 1.2** Have 2 relevant sources of information recorded with where the information came from.

Look back over the data/information you have gathered from different sources.

Are there different opinions/views in your research?

|  |
| --- |
| Which sources agree with each other? |
| Which sources are you going to use?You have to use a minimum of two, but you can use more |

Think about a possible conclusion

Ensure everything you need is gathered in this research booklet.

Once you have completed this booklet you are ready to start on the communication stage.