**Skills Portfolio Name: …………………………….**

**Chemistry Practical 5: Identifying unknowns**

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| Carrying out flame tests Level of confidence (circle) 1 (low) 2 3 4 5 (high) | |
| *Insert photographs here – include photos to show the different colours you observed during your flame tests.* | ***What was difficult about the tech-nique? What advice would you give another student to carry it out correctly?*** |

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| Handling a corrosive solution Level of confidence (circle) 1 (low) 2 3 4 5 (high) | |
| *Insert photographs here.* | ***What was difficult about the tech-nique? What advice would you give another student to carry it out correctly?*** |

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| Testing for halides Level of confidence (circle) 1 (low) 2 3 4 5 (high) |
| ***Include photographs of all the different coloured precipitates you observe while testing for halides using silver nitrate.*** |

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| Writing ionic equations Level of confidence (circle) 1 (low) 2 3 4 5 (high) |
| ***Write ionic equations to show what happens when silver nitrate is used to test for chloride, bromide and iodide ions.*** |