**Inquiry Skills High School videoconference**

**Outline of videoconference**

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| **Time (min)** | **Activity** | **Resources needed by students** |
| 00:00-05:00 | - Equipment check with school (including the second camera)  - Introduce ANSTO representatives  - Two students read out the aim and hypothesis of the experiment | * A copy of their experiment worksheet * Pen |
| 05:00-10:00 | - Show the students the equipment that will be used in the experiment  - One student identifies the risks involved and how they might be managed | * A copy of their experiment worksheet * Pen |
| 10:00-20:00 | - Two students read out the steps of the method and the ANSTO education officers perform the experiment  - Students record their results in an appropriate format (e.g. table) | * Worksheet * Pen |
| 20:00-30:00 | **-** ANSTO education officers display the questions via videoconference to the students  - Teacher breaks class into groups to work on the questions  - Students prepare their answers on butchers paper | * Worksheet * Pen * 6 large pieces of butchers paper or whiteboard * Textas |
| 30:00-45:00 | - Students present their answers to ANSTO education officers by holding their posters and talking about them  - Teacher, ANSTO education officers and other students provide feedback | * Worksheet * Pen * Butchers paper posters * Textas |
| 45:00-end | Quick discussion about the applications of results, using props or animations from the ANSTO e-learning package | * Worksheet * Pen |

**Post-experiment questions for students**

1. Summarise your results in a table

2. Present your results in a graph or diagram (as appropriate)

3. Write a conclusion for your experiment

4. What were the potential sources of error in the experiment?

5. Suggest three ways to improve the experiment

6. What are the controlled, dependent and independent variables in the experiment?