Experimental Sheet

**Aim:**

To find out \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Hypothesis:**

Record your hypothesis (what you expect to happen)

**Method / Plan**

We cannot use a real house as it would not be practical so can you think of a way this could be done in the lab without using the doll’s house? We can use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Design an experiment**

Design an experiment that will show which \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Think about the following.

* + - What could you use as a source of heat?
    - How could you log (measure) the temperature?
    - How long will your experiment last?
    - What materials could you use to represent what you’re trying to do?
    - How will you set up your experiment?
    - What results would you look for?
    - How will you present your information?
    - What will be your control?
    - How will you make your experiment fair?

# Results

Draw a table of your results. You need to show the starting temperature and final temperature of your heat source with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. How will you get all this information into the table?

Can you plot a graph of your results?

# Conclusion

What do your results show? How can you tell? Look back at your aim, are you able to answer that question?

# Evaluation

Do you think that this experiment truly represents what might happen in a real house?