

What you already know: In any research study the independent and dependent variables have to be operationalised in order to use them in an experiment.

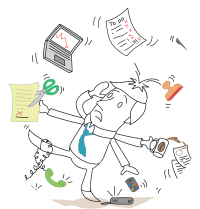
Consider the following aims and for each:

- ★ State how you would operationalise the variables.
- ★ Write a directional and a non-directional hypothesis.



1. To see if the amount of work students do is affected by when they do it.

2. To see if the amount of stress people are under affects their health.



3. To see if the age of the child affects how much rough and tumble play they engage in.

4. To see whether spending time on social media affects people's sociability.



5. To see whether an audience affects how hard a bee will work.

### Extension activity

What is meant by **VALIDITY** in the context of the way in which variables are operationalised?

Can you think of a psychological study where the operationalisation of variables might have affected the validity of the study?