

# How do scientific ideas change?

Science

Miss Simkin



# Scientific process

Put these steps in the correct order:

Communicate

Ask a question

Does it fit?

Collect and analyse data

Hypothesis



# Scientific process

## Fill in the gaps:

A scientific idea is an \_\_\_\_\_ for how something works that was figured out using the \_\_\_\_\_.

\_\_\_\_\_ + \_\_\_\_\_ = scientific idea



# Challenging new ideas

Match the key word to the definition:

Collaboration

Debate

Peer review

A formal discussion or argument

Working with someone

Evaluation of scientific work by others working in the same field



# Cumulative knowledge

Draw a timeline:



# Cumulative knowledge

Compare the two phones below:

