

North East Inventors and Inventions

Use **Tyneside Challenge on the first floor** to find out information about important inventors.

The North East has been home to many inventors and inventions, and some objects telling these stories can be found in the Discovery Museum.

Can you match up the inventors to their inventions?

Gladstone Adams

Arthur George

Joseph Swan

William Armstrong

Charles Parsons



Joseph Swan

Name: Joseph Wilson Swan

Place of birth: Sunderland

Year of birth:

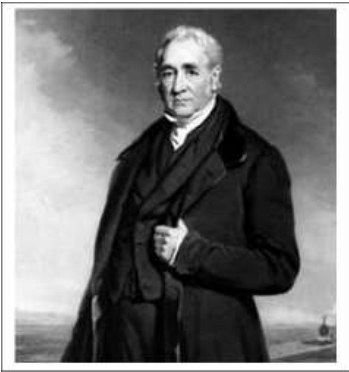
Year of death:



Can you find out how many years it took him to develop his lightbulb?

Can you find the name of his rival whom after a court battle formed a company with him called Ediswan?

George Stephenson



Name: George Stephenson

Place of birth: Wylam

Year of birth:

Year of death:

The first job George had was working in a mine with his father which inspired him to invent a safety lamp. Why do you think a safety lamp was such an important invention?

Two other inventors also made successful safety lamps. Can you find out who they were?

Can you find out the names of some of the locomotives he designed?

William Armstrong

Name: William Armstrong

Place of birth: Shieldfield, Newcastle upon Tyne

Year of birth:

Year of death:



One of William Armstrongs first inventions was a hydraulic crane. Can you find the model in the gallery? Why would this be useful for traders on the River Tyne?

Explore the gallery. Can you find any more inventions made by William Armstrong?

Charles Parsons

Name: Charles Algernon Parsons

Place of birth: London

Year of birth:

Year of death:



Charles Parsons was born in London but moved to Newcastle to work as an apprentice in a factory in Elswick. Can you find out the name of the factory's famous owner?

Parsons innovative steam turbine engines were used in many ships following the success of Turbinia. Can you find the model of the Mauretania? Can you find out how many years it held the fastest crossing of the Atlantic for?

Charles Parsons spent many years to trying to invent an artificial precious stone. He didn't success but what was he trying to make?
