

SchulArena-Webquest: Tuning in / Technology & Science Fiction

passend zu: Open World 2 Unit 13 / Tuning in (oder lehrmittelunabhängig einsetzbar)

- ✓ Download the document and save it on your computer.
- ✓ Write the answers and/or post the pictures onto this sheet.
- ✓ Print it out when you have finished and bring it to class.



➤ **Station one: Important inventions**

You need the following sites:

<http://www.theatlantic.com/magazine/archive/2013/11/innovations-list/309536/#list>

A dozen scientists, historians, and technologists were asked to rank the top innovations since the wheel. Here are the results.

Find the invention and the year:

Important to fight against deadly diseases.

→

Making someone sick could prevent further sickness.

→

The revolution for travelling very far distances.

→

Maximal power to create but unfortunately as well to destroy.

→

Brought a lot of entertainment into our living rooms.

→

Add three more inventions that were important and changed the world and our society:

.....

→

.....

→

.....

→

➤ **Station two: Top ten popular inventions**

You need the following sites:

<http://inventors.about.com/od/famousinventions/tp/topteninvention.htm>

Which invention is described here?

The first model was powered by steam. Then came an internal combustion engine.

→

An important invention to gain raw material for the textile industry.

→

They are often mentioned as the inventors but in fact they only improved pre-existing versions. Name the inventors and their inventions:

→

→

➤ **Station three: Science fiction quizzes**

You need the following sites:

Quiz1: <http://play.bbc.co.uk/play/pen/gxgrh16kjq>

Quiz 2: <http://www.allthetests.com/quiz04/dasquiztd.php3?testid=1041836671>

Do the quizzes and write your results here:

Quiz 1: (out of 15)

Quiz 2: (out of 20)

Solution:

➤ Station one: Important inventions

You need the following sites:

<http://www.theatlantic.com/magazine/archive/2013/11/innovations-list/309536/#list>

A dozen scientists, historians, and technologists were asked to rank the top innovations since the wheel. Here are the results.

Find the invention and the year:

Important to fight against deadly diseases.

→ *Penicillin, 1928*

Making someone sick could prevent further sickness.

→ *Vaccination, 1796*

The revolution for travelling very far distances.

→ *The airplane with a motor, 1903*

Maximal power to create but unfortunately as well to destroy.

→ *Nuclear fission, 1939*

Brought a lot of entertainment into our living rooms.

→ *TV, early 20th century*

Add three more inventions that were important and changed the world and our society:

own solution

➤ Station two: Top ten popular inventions

You need the following sites:

<http://inventors.about.com/od/famousinventions/tp/topteninvention.htm>

Which invention is described here?

The first model was powered by steam. Then came an internal combustion engine.

→ *the automobile*

An important invention to gain raw material for the textile industry.

→ *The cotton gin, the sewing machine*

They are often mentioned as the inventors but in fact they only improved pre-existing versions. Name the inventors and their inventions:

→ *T.A. Edison , the light bulb*

→ *J. Watt , the steam engine*

➤ **Station three: Science fiction quizzes**

own solutions