Worksheet Group 1



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| --- | --- |
| Task 1. Presentation | Present your invention to the classmates without naming it.  Use the plan:   1. What is it used for? 2. When was it invented? 3. Who is the inventor?   Write down the inventions of other groups:  Group 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Task 2. Derivation | Derive new words from this one: **use**. |
| Task 3. Filling in the gaps | Complete the gaps with some of the previous derivatives.  1) ………………… of the equipment could endanger the lives of staff and students.  2) The church has recently been restored after decades of …………………. .  3) Water ……………….. is increasing every year. |
| Task 4. explanation | Explain what grammar phenomenon is in bold.  **used to** be …  **the** technological appliances we take for granted today. |

Worksheet Group 2



|  |  |
| --- | --- |
| Task 1. Presentation | Present your invention to the classmates without naming it.  Use the plan:   1. What is it used for? 2. When was it invented? 3. Who is the inventor?   Write down the inventions of other groups:  Group 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Task 2. Derivation | Derive new words from this one: **encourage**. |
| Task 3. Filling in the gaps | Complete the gaps with some of the previous derivatives.  1) He was wrong and ………………….. enough to admit it.  2) They needed all the …………………..… they had.  3) You should not let one failure ………………… you. |
| Task 4. explanation | Explain what grammar phenomenon is in bold.  Railways, **which** played a very important part ...  Many of the items we use today **were invented** … |

Worksheet Group 3



|  |  |
| --- | --- |
| Task 1. Presentation | Present your invention to the classmates without naming it.  Use the plan:   1. What is it used for? 2. When was it invented? 3. Who is the inventor?   Write down the inventions of other groups:  Group 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Task 2. Derivation | Derive new words from this one: **invent**. |
| Task 3. Filling in the gaps | Complete the gaps with some of the previous derivatives.  1) Technology, innovative and ………………….… spirit have characterized our company from the very beginning.  2) No need to ………………………. the wheel because this one is proven to work.  3) The …………………….… of the machine spent years refining the design. |
| Task 4. explanation | Explain what grammar phenomenon is in bold.  … **is considered** by most to be …  By 1834, he **had invented** … |

Worksheet Group 4



|  |  |
| --- | --- |
| Task 1. Presentation | Present your invention to the classmates without naming it.  Use the plan:   1. What is it used for? 2. When was it invented? 3. Who is the inventor?   Write down the inventions of other groups:  Group 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Group 3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Task 2. Derivation | Derive new words from this one: **develop**. |
| Task 3. Filling in the gaps | Complete the gaps with some of the previous derivatives.  1) this is a region where the transport and infrastructure are ………………………… .  2) They made a deal to sell the land to a property ……………………… .  3) We will keep you informed of the ………………………… . |
| Task 4. explanation | Explain what grammar phenomenon is in bold.  Worked hard **to transmit** …  The first TV-set **could** be made … |

**Individual Task**

Prepare a short story about this invention. (30-40 words). Use the plan:

1. When was it invented?
2. What is it used for?
3. Who is the inventor?

**THE ORIGINS OF THE INTERNET**

The origins of the internet are rooted in the USA of the 1950s. The Cold War was at its height and huge tensions existed between North America and the Soviet Union. Both superpowers were in possession of deadly nuclear weapons, and people lived in fear of long-range surprise attacks. The US realised it needed a communications system that could not be affected by a Soviet nuclear attack.

No one person invented the internet. When networking technology was first developed, a number of scientists and engineers brought their research together to create [the ARPANET](https://www.scienceandmediamuseum.org.uk/objects-and-stories/short-history-internet" \l "the-life-and-death-of-the-arpanet). Later, other inventors’ creations paved the way for the web as we know it today.

As ARPANET grew, a set of rules for handling data packets needed to be put in place. In 1974, computer scientists Bob Kahn and Vint Cerf invented a new method called transmission-control protocol, popularly known as [TCP/IP](https://www.scienceandmediamuseum.org.uk/objects-and-stories/short-history-internet#what-is-tcp-ip), which essentially allowed computers to speak the same language.

After the introduction of TCP/IP, ARPANET quickly grew to become a global interconnected network of networks, or ‘Internet’.

The ARPANET was decommissioned in 1990.