

Introduction

Quizzes are useful to change the pace or direction of lessons. This example is based on generating words from the names of elements

Running the activity

Photocopy the question sheet or use as a quiz.

Do the activity against the clock.

If the pupils do not have reference to an element list the activity is more demanding.

Safety

Not applicable.

More ideas

Pupils can generate their own quizzes at the end of a topic.
Use the quiz as a tutor time activity.

Lesson outcomes

Develop pupil knowledge of:

- Atomic symbols

Where the activity fits in

As a change of pace and direction to any of the KS3 topics.

As a lesson starter or finisher.

As a homework.

Skills

Knowledge and understanding, recall, vocabulary.

Acknowledgements

Please send your fun size quizzes to nigel.heslop@scienceyear.com for inclusion on future CD-ROMs.

Periodic Table Quiz

Use your periodic table to help you solve these puzzles.
For each answer write down the name of the element and its symbol.

1. Which metal's symbol could be a nickname for **Alan**?
2. Find the **superman** element.
3. Find a metal named after **Germany**.
4. Find two more elements named after countries.
5. The famous scientist **Albert** _____ proved $E=mc^2$.
6. **Dmitri Mendeleev** is the father of the periodic table. Can you find his element?
7. Which gas is used to kill germs in a **swimming pool**?

Put the symbols of these elements together to complete these messages

8. It's nice to get a **potassium iodine sulphur sulphur** on the **lithium phosphorous sulphur**.
9. Salt and vinegar are my favourite **chromium iodine sulphur phosphorous sulphur**.
10. I like to **silicon phosphorous** my tea from a **copper phosphorous**.
11. A **chromium oxygen tungsten** is a type of blackbird.
12. If you are noisy, teachers can get **chromium osmium sulphur**.
13. Jim Royle's catch phrase, "My **argon selenium**".

Make a phrase of your own using the elements.

Now you are nearly finished, which element thanks you by saying "**Ta**"?