

## MATTER (teacher's notes)

### About matter:

- Atoms join together to make molecules. For example two hydrogen atoms and one oxygen atom join together to make one molecule of water.
- Graphite and diamond are two different forms of carbon.
- “Molecules are so small that it is almost impossible to see them, even with powerful microscopes” (*101 Cool science Experiments*, published in 2005 by Hinkler Books Pty Ltd, Australia).
- Most matter is visible, but some matter is invisible (e.g. air).

## ATOMS

### Activity 1: Let's investigate atoms.

After about 8 cuts you can realize that it's almost impossible to go on cutting. You would have to cut the strip of paper 30 times to reach the size of an atom.