Atoms, Elements and Molecules

Topic Checklist / Progression Check

I know this colour green	I'm not sure colour yellow	I don't know this colour red

Subtopics and Learning Objectives	Start	End
The Air We Breathe		
- Recognise the difference between atoms and molecules		
- Identify elements, mixtures and compounds from descriptions and particle diagrams		
Earth's Elements		
- Use chemical symbols form common elements and explain why they are an international code		
- Recall the different elements have different properties and uses		
Metals and Non-metals		
- Describe and identify metals and non-metals by their properties		
- Relate the use of an element to its properties		
Making Compounds		
- Describe changes you might see when compounds are formed		
- Compare the properties of the reactants and products when iron reacts with sulfur		
- Name simple compounds		
Physical and Chemical Changes		
- Identify the difference between physical and chemical changes		
- Describe the main features of chemical changes		

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Chemical Reactions		
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