

Chemical reactions Colour And Observe Colouring Page

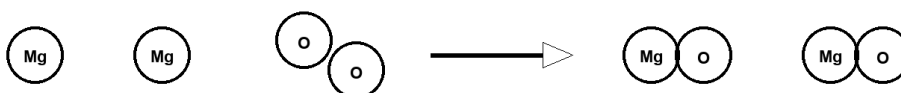
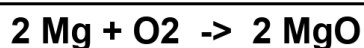
KS3 / Year 7 - Science

Colour the reactant and product particles, then identify four observations that can indicate a chemical reaction.

CHEMICAL REACTIONS

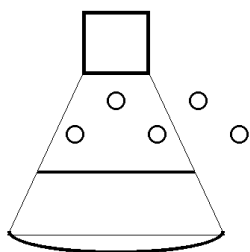
Colour particles and observations that show new substances forming

REACTANTS REARRANGE TO FORM PRODUCTS

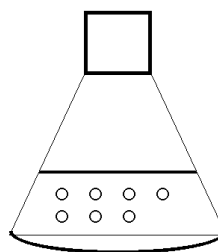


Atoms are conserved; bonds and arrangements change

GAS PRODUCED



PRECIPITATE FORMS

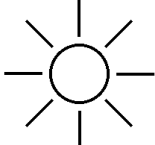


OTHER EVIDENCE

TEMPERATURE CHANGE



LIGHT



COLOUR CHANGE



NEW ODOUR



Chemical reactions Colour And Observe Colouring Page

KS3 / Year 7 - Science

Colour the reactant and product particles, then identify four observations that can indicate a chemical reaction.

Parent & Teacher Guidance

Curriculum focus

Topic: Chemical reactions. Develop accurate observation, subject vocabulary and evidence-based explanation. Mapped scope: DfE national curriculum programme of study for key stage 3.

Before you begin

Review the picture together and ask the learner what they already notice about Chemical reactions. Read the activity aloud, explain unfamiliar vocabulary, and agree which details need special attention.

Solo activity

The learner can complete the colouring independently, then use the finished page to explain three details linked to Chemical reactions. Encourage accurate colour choices where they carry meaning, but allow creative choices elsewhere.

Group activity

Give pairs or small groups different areas to inspect. Ask them to agree on evidence before colouring, compare their findings, and present one curriculum fact to the class. Finish with a whole-group check against the guidance below.

Questions to guide discussion

What evidence can you see? Which feature is most important and why? How does one part connect to another? What new fact about Chemical reactions can you explain using the picture?

Answers and checking

No fixed answer is required. Accept well-supported observations that match the curriculum focus and visible evidence.

Learning record and next steps

☐ Completed the colouring

☐ Explained key vocabulary

☐ Completed the activity

☐ Used visible evidence

Evidence noticed / vocabulary used

Next step:
