

Fractions Activity Challenge Colouring Page

KS2 / Year 4 - Mathematics

Find three curriculum clues in this fractions illustration, explain each choice, then colour it.



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Parent & Teacher Guidance

Curriculum focus

Topic: Fractions. Develop accurate observation, subject vocabulary and evidence-based explanation. Mapped scope: DfE national curriculum programme of study for key stage 2.

Before you begin

Review the picture together and ask the learner what they already notice about Fractions. 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 Fractions. 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 Fractions can you explain using the picture?

Answers and checking

Award one point for each of three visible clues plus one point for each sensible explanation. Strong responses use: whole, equal parts, numerator, denominator, equivalent fraction, unit fraction. Accept equivalent accurate wording.

Learning record and next steps

☐ Completed the colouring

☐ Explained key vocabulary

☐ Completed the activity

☐ Used visible evidence

Evidence noticed / vocabulary used

Next step:
