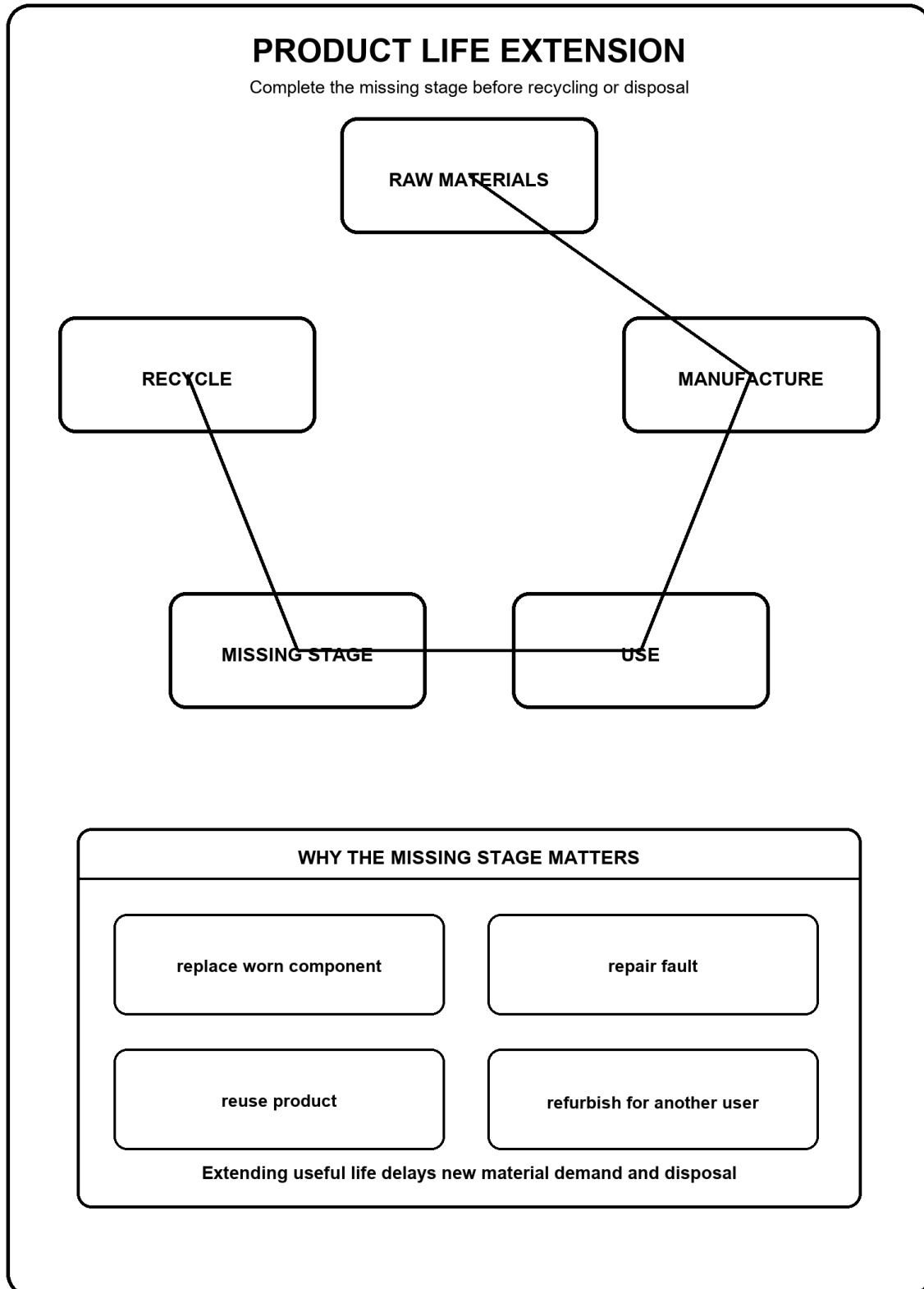


Sustainability Activity Challenge Colouring Page

KS4 / GCSE / Year 11 - Design Technology

Complete the missing product-life stage between use and recycling, then explain why it can reduce environmental impact.



Sustainability Activity Challenge Colouring Page

KS4 / GCSE / Year 11 - Design Technology

Complete the missing product-life stage between use and recycling, then explain why it can reduce environmental impact.

Parent & Teacher Guidance

Curriculum focus

Topic: Sustainability. Develop accurate observation, subject vocabulary and evidence-based explanation. Mapped scope: DfE GCSE subject content and key stage 4 curriculum entitlement.

Before you begin

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

Answers and checking

The missing stage is repair, reuse or refurbishment. Extending useful life can reduce demand for new raw materials and manufacturing, while delaying recycling or disposal. The best option still depends on product condition, safety and impacts.

Learning record and next steps

☐ Completed the colouring

☐ Explained key vocabulary

☐ Completed the activity

☐ Used visible evidence

Evidence noticed / vocabulary used

Next step:
