

Separate Science - Chemistry - Key Stage 4

C10 Using Resources

Review lesson

Miss Offer



Independent task - application questions

1. Car owners who live near the coast often complain that their cars become more rusty than those who live inland. Explain why this is the case.
2. Describe a simple experiment that could be done to prove that the presence of water causes an iron nail to rust more quickly. Include what you would expect to find.



Independent task - application questions

1. Steel is an alloy of iron. Explain why steel is much harder than pure iron.
2. Rose gold jewellery is an alloy made up of gold, silver and copper. Why is this more suitable for jewellery than pure gold?
3. Why are surgical instruments made from stainless steel instead of pure iron?



Independent task - recall questions

1. What are polymers made up of?
2. Give 3 shared properties of polymers.
3. What is the monomer in poly(ethene)?
4. Which type of polymer will soften easily when heated?
5. Which type of polymer has covalent bonds between polymer chains?
6. Which type of polymer can be remoulded?

