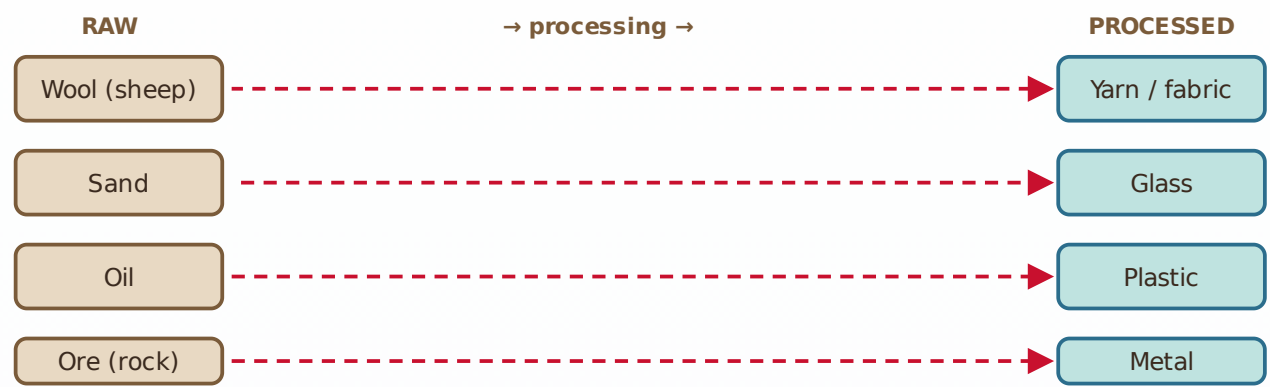


From Raw to Useful

Raw materials become processed materials

A raw material comes straight from nature. People change raw materials — by cleaning, heating, spinning, melting or mixing — into processed materials that are more useful.



Raw materials from nature (left) are processed by people into useful materials (right). The moving dashes show the processing step.

From nature to the classroom

Q1. Complete the table by matching each raw material to what it is processed into.

Raw material	Processed material
Wool	
Sand	
Oil	
Ore (rock)	
Tree	

Q2. Is each one a **raw** material or a **processed** material? Write R or P.

Material	R or P
Cotton wool ball	
A glass window	
Sheep's wool	
A plastic ruler	
Sand at the beach	
A metal spoon	

Q3. Draw a **flowchart** showing how wool from a sheep becomes a woolly jumper. Use at least three steps with arrows between them.

Q4. Recycling turns used materials into new ones instead of throwing them away. Explain why recycling glass or metal is good for the environment. Use the words **raw material**.