1st TERM TECHNOLOGY

1. What is technology? Choose the right option to complete the definition of technology: Technology is the application of knowledge andin order to findthatour needs andour problems. 2. Order the stages of the technological process and join each one with its description. 1 Planning Making a prototype 2 Try if it works, find problems Research and think how to improve it. 3 Define the problem Choose the best solution between all the individual proposals of the team. 4 Construction Analyze and explain in detail what is the problem we need to solve. 5 Individual solution Investigate about the problem we need to find a solution. 6 Test and evaluation Think individually a possible solution. Group decision: 7 final solution Sketch, list of tools and materials and working plan 3. Identify the origin of each one of these materials (plant, animal or mineral): Wood Silk Leather Cardboard Metals Glass

Concrete

Wood

original shape. PLASTIC RIGID You can mould it. SOFT It is easy to scratch. FLEXIBLE DUCTILE MALLEABLE HEAVY WATERPROOF/ IMPERMEABLE ELASTIC Time intruder: choose the property that does NOT belong to these properties WOOD METALS FABRICS Having great weight. You can mould it. It is easy to scratch. It is easy to bend. Not allowing water to go through. It is difficult to break. You can shape it into thin sheets. You can shape it into thin wires. FABRICS		
FRAGILE After it is stretched it returns to original shape. PLASTIC RIGID You can mould it. SOFT It is easy to scratch. FLEXIBLE DUCTILE MALLEABLE HEAVY WATERPROOF/ IMPERMEABLE ELASTIC S. Find the intruder: choose the property that does NOT belong to these properties WOOD METALS FABRICS After it is stretched it returns to original shape. Having great weight. You can mould it. See asy to scratch. It is easy to bend. Not allowing water to go through. Not allowing water to go through. It is difficult to break. You can shape it into thin sheets. You can shape it into thin wires. FABRICS	HARD	It is easy to break.
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WOOD METALS PLASTICS FABRICS	ELASTIC	You can shape it into thin wires.
PLASTICS FABRICS		the property that does NOT belong to these properties:
FABRICS	METALS	
	PLASTICS	
MINERALS	FABRICS	
	MINERALS	

4. Join each of these properties of the technical materials with its definition: