# 1st TERM TECHNOLOGY

1. What is technology? Choose the right option to complete the definition of technology:



Technology is the ..... application of knowledge and .....in order to find .....that .....our needs and .....our problems.

2. Order the stages of the technological process and join each one with its description.

| | | |
|---|---|---|
| 1 | Planning | Making a prototype |
| 2 | Research | Try if it works, find problems 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. |
| 7 | Group decision: 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 | |
| Glass | | Metals | |
| Wood | | Concrete | |

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

| | |
|---|---|
| HARD | It is easy to break. |
| RESISTANT | It is difficult to scratch. |
| FRAGILE | After it is stretched it returns to its original shape. |
| PLASTIC | Having great weight. |
| RIGID | You can mould it. |
| SOFT | It is easy to scratch. |
| FLEXIBLE | It is easy to bend. |
| DUCTILE | Not allowing water to go through. |
| MALLEABLE | It is difficult to break. |
| HEAVY | You can shape it into thin sheets. |
| WATERPROOF/ IMPERMEABLE | It is difficult to bend. |
| ELASTIC | You can shape it into thin wires. |

5. Find the intruder: choose the property that does NOT belong to these properties:

| | |
|---|---|
| WOOD | |
| METALS | |
| PLASTICS | |
| FABRICS | |
| MINERALS | |