

**A- Match the words with the definitions.**

1- Catapult _____	a- Reasonable or achievable
2- Visual aids _____	b- an image to look at during a presentation
3- Curiosity _____	c- interest in learning something
4- Plausible	d- the ability for people to trust you
5- Plastics _____	e- a device designed to throw objects
6- Dependability _____	f- synthetic materials

**B- Complete the sentences with words from activity A.**

- 1- Her natural \_\_\_\_\_ led her to ask more questions.
- 2- The first thing any scientist needs is a \_\_\_\_\_ idea or project.
- 3- The Trebuchet was a type of \_\_\_\_\_.
- 4- Having \_\_\_\_\_ means that we trust you.
- 5- Include images or \_\_\_\_\_ in the lecture.
- 6- \_\_\_\_\_ is a very popular material because it is light and durable.

**C- Circle the right option.**

Catapults can throw _____ very far.	PROJECTILES/TREBUCHETS.
It takes _____ to admit you made a mistake	COMPETENCE/COURAGE.
Our perfect engineer has good _____ skills.	COMPETENCY/ORGANIZATIONAL
Use a _____ during your presentation	PROJECTOR/BODY LANGUAGE
_____ people have great new ideas.	CREATIVE/CONCRETE
It's time to test your power of _____ and design.	VERIFICATION/INNOVATION

**D- Read the text carefully.*****Construction basics: understanding your materials.***

Many kinds of materials are available today, and they all have different properties. Understanding them can help you make the best choice for your project.

Natural materials are always popular options. These include wood, glass and metal. Wood is a good insulator, glass is a transparent material suitable for windows, but it's very brittle. Metals are useful for the frameworks of structures. They are great conductors and their ductility and hardness are other benefits.

Synthetic materials like foam and plastics are becoming very popular. Foam is light and is a great insulator. Plastics are also very light and malleable. They are both durable and easy to maintain, but they are also expensive.

Certain building materials work better for certain situations, so making the right choice will save you time and money.

**E- ANSWER T OR F**

Materials have the same properties.

Metals are good conductors

Foam is a good insulator

Plastics are cheap.