



1. (BIV 2.5/ BV 1.3) Competences worked: linguistic, learn to learn, social and civic, initiative and entrepreneurship.

Sheila is an engineer. She wants to build a big spatial station. She is **concerned about protecting the environment.**

From the types of energy you have below, you have to:

- Choose the ones that Sheila will use to build the estate.
- Write the names of these energies.
- Explain why you have selected them.



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2. (BV 1.1) Competences worked linguistic, learn to learn, social and civic, initiative and entrepreneurship.

Sheila will use many materials to build the spatial station. Choose the machine she will use for the different situations and explain why.

WHEEL AND AXLE	SCREW	PULLEY
LEVER	INCLINED PLANE	WEDGE

1. She will have to lift many concrete slabs:



2. She will have to cut many pieces of wood:



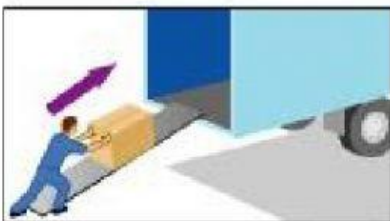
3. She will have to nail lots of screws:



4. She will have to put the handles of the doors



5. She will have to push heavy boxes inside trucks



6. She will have to empty the wheelbarrow



3. (BV 1.1) Competences worked linguistic, learn to learn, , initiative and entrepreneurship.

You can find these objects inside a spaceship. Write at least **three** properties that define them.



4. (BIV 2.3) Competences worked: linguistic, learn to learn, initiative and entrepreneurship.

