1 - WHAT IS A CONCEPT MAP?
2 - WHAT IS A CONCEPT MAP?
3 - WHY DO WE USE CONCEPT MAPS?

CONCEPT MAP

as a means for developing

meaningful learning

for acquiring

new knowledge

is related with

previous knowledge

opposed to

rote learning

is on

memorisation technique

is based on

repetition
4 - WHAT ARE A CARRIAGE AND AN INTERNAL COMBUSTION ENGINE?

Carriage:
- body
- wheels
- movement
- chassis
- axles
- breaks

Internal Combustion Engine:
- fuel
- fuel injector
- cylinders
- spark plugs
- combustion
- gear
- crankshaft
- pistons
- fuel tank
5b - WHAT IS A CAR?

- Chassis
  - Are mounted on axles
  - Movement allows
  - Are mounted on wheels
  - Reduce speed of breaks

- Body
  - Covered with

- Chassis
  - Transmits movement to gear
    - Is connected to pistons
      - Move
      - Causes movement of crankshaft
        - Contains cylinders
          - Are fed through intake valves
            - Are controlled by camshaft
              - Are emptied via exhaust valves
                - Are controlled by
              - Contain spark plugs
                - Ignite fuel
                  - Is connected to fuel tank
                    - Is brought to combustion
                      - Feeds fuel injector
6. Why do we want to use concept maps in the ENEPLAN project?
8 - WHAT IS ENEPLAN ABOUT?

- architects/planners
- regional planning
- urban planning
- landscape planning/landscape protection
- Mediterranean landscapes
- environment
- technology
- planning
- landscape
- holistic approach
- integration of disciplines
- integrated plans
- Sustainable Energy Action Plan
- interdisciplinary approach
- new professional profiles
- innovative educational approaches
- Open Educational Resources
- engineers
- energy planning
- RES technologies
- concept maps
- universities
- research centres
- energy agencies
lack of cross-sector skills

highlights

to be solved through needs in higher education

innovative educational approaches

promotes ENEPLAN project