

Time:

Topic: Solar powered cars

6. **Review – Step Back And Reflect On Your Learning**

Using pictures of the group when do they see individuals or groups using the 5 'rs',
reflective/responsible/resourceful/resilient/reasoning

1. **Prepare For Learning**

Watch Dom Jolly clip (mobile phone hands free). Click on video media library and key in 'trigger happy' it will bring up brief clip

This helps to introduce the idea that technology very quickly develops and intergrates into society.

What other technology did not exist in everyday use 5-10 years?

2. **Central concept**

Revisiting the central theme of the sessions on the Island the fuel pipe has exploded as a result of the hurricane, no petrol supply is available to get vital life saving supplies from the air drops to the rest of the island. This links with the sustainable theme as it is necessary to consider other viable forms of energy

What technology is going to power our vehicles of the future?

3. **Present New Information Through All The Senses**

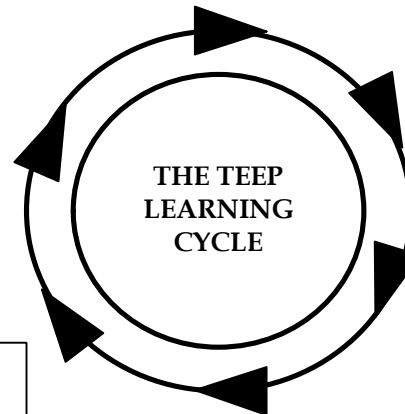
Explain that in groups your task is to build a solar powered car, prototypes of vehicles that could be used by the relief organisations

Before starting the work discuss

What makes for successful group work

- What should it look/feel and sound like?

For example group roles (time keeper, facilitator etc).



5. **Apply To Demonstrate Your New Understanding**

Finish by looking at various designs, individuals vote on which car design is best and why.

Then have a solar race to test their prototypes.

4. **Construct – Activity The Search For Meaning**

Build prototypes cars using pictorial instructions (some phrases will be in Spanish/French) as the Island language incorporates various languages. In addition students can ask for help using key Spanish or French phrases which is incorporated into their passport.

(60 minutes)

Teacher will take pictures throughout the session to tie in with plenary. **Need to be loaded onto computer before the end of the session.**

Suggested after this activity (15 -20 minute) break

Then second part of task is to complete a design for your 'concept' car, considering ways in which it could be attractive, fit for purpose etc (30 minutes)