

All

## SDG 9 – Industry, Innovation and Infrastructure

Karl Lingard – RDSO, Qld Branch



<https://sustainabledevelopment.un.org/>

### DETAILS:

**Industry, Innovation and Infrastructure. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.**

**Fact - 2.6 billion people in developing countries do not have access to constant electricity. More than 4 billion people still do not have access to the Internet; 90 percent of them are in the developing world.**

**What do words like Innovation and Infrastructure even mean? The first thing you would do to find out is reach for your phone or laptop and go on the internet. However, if the infrastructure is not there to give you internet access, then... what do you do? See what it is like to live without the infrastructure that we take for granted.**

### Challenge 1 –

- **No internet. Try it from 6pm until bedtime, or longer if you want.**
- **We know, take anything away but not my internet access!**
- **This means no going online to websites and social media, but also no streaming on the TV or playing games on your phone.**



- Imagine trying to do schoolwork, or keep up with your friends and the latest music without access.
- Does not having internet put you at a disadvantage compared to others?

## Challenge 2 –

- A day without electricity. No light, phone, or TV. No electric shower, microwave or Spotify. You can still use the fridge - we don't want you to starve.
- Don't take any risks with candles or cooking over fire without supervision, but look how the lack of electricity could even bring more danger.
- Think of the daily difficulties you would face without a reliable electricity supply.

Innovation is just a fancy word for coming up with new ideas and solutions. You can innovate right now, by coming up with a new use for something which might otherwise go to waste.

We won't tell you what to do, because then you would just be copying instead of innovating, but here are a few sneaky pointers:

- Get your old object and have a good look at it, twist it around, turn it upside down and imagine other uses
- You can make holes, cut it up, or stick other things to it to make something new
- Your new item could be something to wear, like clothes or jewellery, or it could be a tool or kitchen utensil. It might be for the garden or for the office.

When you have it done, share a picture of you with your upcycled innovation to inspire others.

Draw your solution for transport of the future, which is clean, safe and available to everyone, share your picture when done.



Joey  
Scouts



Cub  
Scouts



Scouts



Venturer  
Scouts



Rover  
Scouts

