

# GOAL 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE



UP TO 55 MINUTES 

**Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**

## PURPOSE

To investigate how access to technology improves communication and increases efficiency.

## MATERIALS

Mobile phones, cards, pens, paper and a timer

## ACTIVITY (30-45 MINUTES)

Create a scavenger trail, outdoors if possible, with stop points where the teams will pick up word cards that make a sentence. Make up clues to help the teams get from one stop point to another. For younger children use simple and direct clues. For older groups try riddles and puzzles to make the trail more challenging.

Divide into teams. Half the teams can use a mobile phone, half cannot. The participants should not be aware of this rule. Send the teams out one by one with their first clue, noting their start time.

When those teams which have a mobile phone reach their first stop point, they text you the word and you text back their next clue.

When the teams without a mobile phone find a word they must send a member of the team back to you to collect the next clue.

Once each team has completed their sentence note the finish time.

## DISCUSSION (10 minutes)

Who finished first – the teams with or without the mobile phones? How challenging was it to communicate without a mobile phone? What would it be like if they couldn't access the technology they use every day? What sort of activities would be more difficult to achieve? Think about things like access to education, news, emergency services.

**SUMMARY** 

# Summary

## GOAL 9

We take a lot of our basic infrastructure such as roads, sanitation, electricity, water and communications for granted. But how sustainable are these? Economic growth, social development and climate action are all dependent on good infrastructure, sustainable development and technological progress.

### TARGETS

- Develop sustainable and resilient infrastructure to support economic development and human well-being.
- Provide small businesses with access to credit and technical support for their development.
- Ensure companies promote sustainable development and do not harm the environment.
- Allocate resources for research to address that country's specific needs and improve technology.
- Ensure all have access to the internet and new technologies, especially those living in Least Developed Countries.

### ACTIVITY

Take part in a scavenger hunt which encourages discussion on how access to technology improves communication and increases efficiency.

### TAKE IT FURTHER

**'60% of the world's population don't have access to the internet. Although mobile phone ownership is rising divisions still persist in rural areas with women being the least likely to be able to access digital technology.'**  
**'The world's poorest households are more likely to have a mobile phone than a toilet.'**

➤ Ask the young people to discuss how they feel about the above. What do they think innovation should focus on first – digital technology or sanitation?

**GO TO GOAL 10** 