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GETTING AROUND

Sail bottle buggy races

Time:

Who it's for:

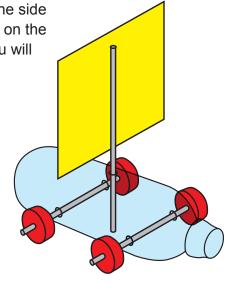
45 minutes

All ages

You'll need:

- String
- Sheets of A4 paper
- · Nails and a drill
- Newspapers
- To ask everyone in the group to bring a plastic bottle, four (same sized) bottle tops and two kebab sticks to the session

- **1.** Ask group members to shout out different forms of energy that are or could be used to help us move around, eg wind power. (If they need prompting, tell them to think about boats or air balloons!).
- 2. Explain that they're going to create their own wind powered buggies.
- 3. Give each member a nail or drill and help them to make holes in the side of their bottle, two on either side at the front and two at either side on the back, and a further hole in the middle on the top of their bottle. You will need to supervise this process to make sure it is done safely.
- **4.** Next use the nail or drill to make a hole in each of the four bottle caps.
- 5. Cut one of the kebab sticks in half, poke each half through the holes in the bottle and put a bottle cap on each end to make wheels, add another kebab stick to the hole on top to create a mast. Design a mast for your buggy out of a sheet of A4 paper, you may wish to try out different sail shapes for speed. Now the buggies are ready to be used.
- 6. Flap a newspaper to create 'wind power' to propel each sail bottle buggy.
- 7. Why not set up a race for the group?



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GETTING AROUND

World transport bingo

Time:

Who it's for:

20 minutes 10+

You'll need:

- Location sheets, cut out, one per team
- A pen per team

What to do:

A future with less car use doesn't have to be boring or slow! Play this game to explore different types of transport used around the world. All these forms of transport use some form of energy, but much less than if the people travelling were each in their car.

- Give out sheets with the names of each location, and ask the teams to cut them out and lay them out on the floor or table, randomly in rows of four.
- **2.** A leader reads out the list of transport types as if reading bingo numbers. Teams must circle a country and write underneath it the transport they think comes from that country.
 - Eg. The leader reads out 'bullet train' the team should circle Japan and write bullet train underneath.
- **3.** The first team to circle four countries in a row should yell out 'Transport bingo!!' they win if their answers were correct. If not, the game continues.

Discuss afterwards: does the group like the idea of trying all these different forms of transport? Did they realise how many different ways to travel there are?

Trams - San Francisco

Bullet train - Japan

Bikes - Amsterdam

Canal boats - Venice

Red double decker – London

Subway – New York

Rickshaw - India

Cable car – La Paz, Bolivia

Monorail 'skytrain' – Vancouver, Canada

Hovercraft - Isle of Wight, UK

Dog sled - Alaska, USA

Horse and carriage – Sark (island), UK



World transport bingo

San Francisco	 Japan	¦
Venice	London	New York
¦ India	La Paz, Bolivia	Vancouver, Canada
	•	
Isle of Wight	Alaska	 Sark
	•	

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GETTING AROUND

Make a change

Time: Who it's for: You'll need:

1-2 days Dependant on campaign

- **1.** Get members to explore the transport options in their local area.
- **2.** For example they could run a survey to find out why people use their cars rather than public transport.
- **3.** Once they have discovered what the barriers are to people using their cars less they could create a campaign for change.
- **4.** This might involve trying to set up a no-car zone near a local school or increasing the frequency of buses in the area.
- 5. Members could write a letter to their local MP, set up a campaign website or throw an event to inform people about their plans and encourage people to support them. Encourage members to speak to local press and invite local celebrities to embrace their cause.

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GETTING AROUND

Alternative energy bike ride

Time:

Who it's for:

½ a day plus organisation time

All ages

You'll need:

- · Promotional posters
- Transport pledge sheets
- Refreshments

- **1.** Raise awareness of the impact which using petrol has on the environment and encourage people to cycle more by organising a sponsored bike ride.
- 2. The event could be opened up to families and the public who all pay a donation to take part. Donations could be given to WWF or used to fund sustainable travel projects for your group.
- **3.** Set a course which starts and finishes at your meeting place.
- **4.** Encourage those that have taken part to sign up to a 'transport pledge', committing to try and cycle more where possible.
- **5.** Your group could also make cakes, biscuits and drinks to sell to riders finishing the circuit from a refreshments stall.

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GETTING AROUND

Bike clinic

Time:

Who it's for:

2 hours

All ages

You'll need:

- · A bike expert
- Tools
- A demonstration bike

- **1.** One barrier to cycling can be a broken bike. Help your group to keep their bike on the road by arranging a cycle care class.
- 2. Speak to any volunteers working with the group to find out if they are able to help run a cycle care class. Alternatively contact your local bike shops and see if they offer any cycle care classes or whether any would like to come in to talk to the group.
- 3. Ideally the person running the course would be able to give an outline of regular jobs which can help to keep a bike running smoothly and show which tools are needed to complete simple repairs such as repairing a puncture or tightening brakes. Parents could also be invited in to take part in the course.
- **4.** Members could create a bike care log book where they keep a record of all the maintenance they carry out on their bike.

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GETTING AROUND

Get about challenge

Time: Who it's for: You'll need:

n/a All ages n/a

- 1. Once your group have found out more about the benefits to the environment of sustainable transport set them a challenge of arriving using a different form of transport to usual, and keeping sustainability in mind.
- **2.** They could choose a different method each week (e.g. rollerblading, cycling, car sharing, walking, taking the bus).
- **3.** Make a display showing all the different methods of transport which your group have used to arrive at the meeting place.
- **4.** You could award prizes for the person who has travelled the most sustainably over the period of a week, month or the whole year.
- **5.** If parents are up for it, you could suggest that they work together to find alternative ways to get to the meeting. The group members' travel survey displays could perhaps help to make the case!