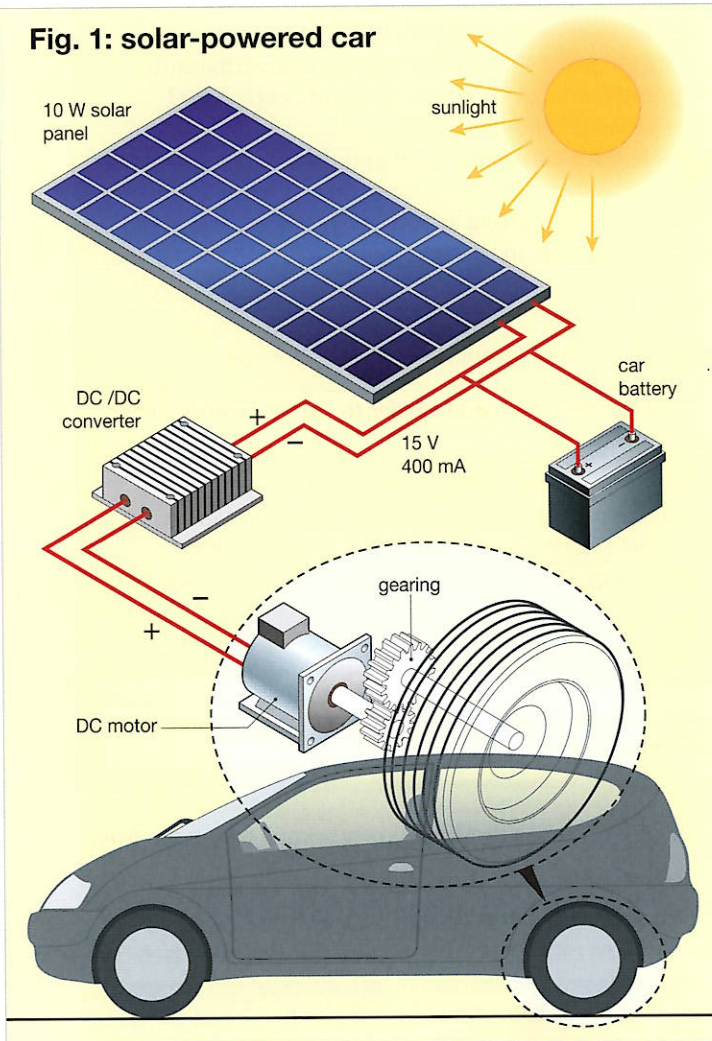
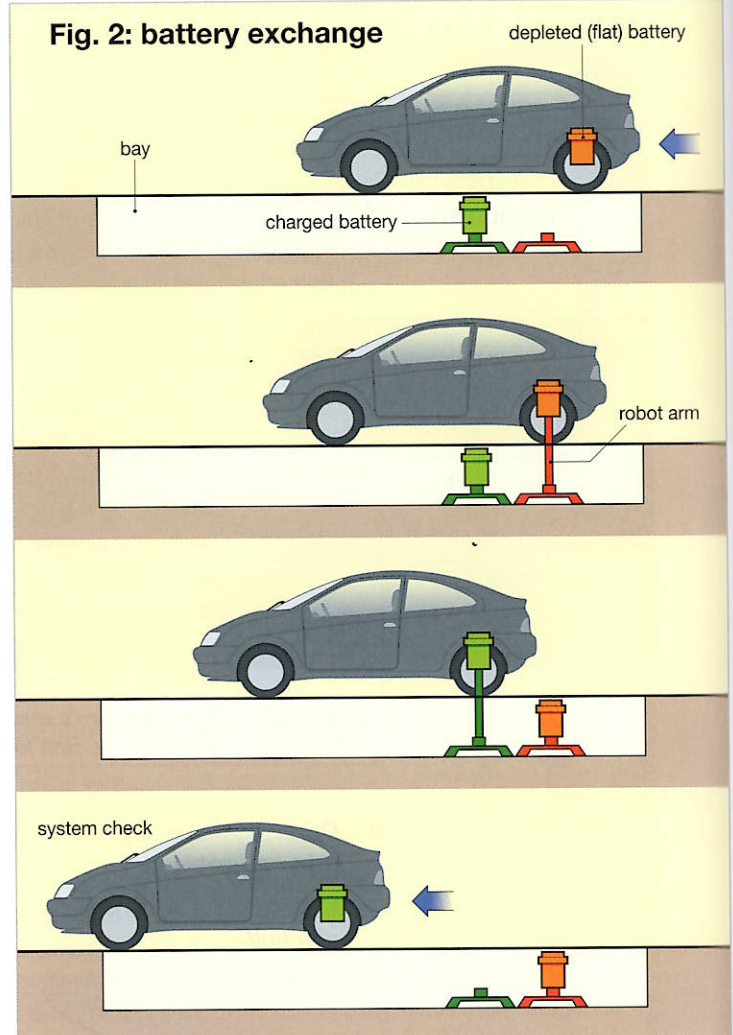


### 3 Priorities

**Fig. 1: solar-powered car**



**Fig. 2: battery exchange**



**Start here** 1 Work in pairs. Discuss the following questions about the four illustrations on this page and the next.

- 1 In what way(s) are these systems similar?
- 2 How are they different?

**Task** 2 Form a group with two other pairs to do this task.

Your group has to decide on the best electric car system for future large-scale use in your country. Prepare for a meeting to decide the order of priority from 1 (best option) to 4 (least good option). Use the information about the four systems on page 113 and follow the instructions below to choose the best option. Then prepare your arguments.

Student A: Argue for the cheapest system to buy.

Student B: Argue for the cheapest system to run.

Student C: Argue for the safest system to use.

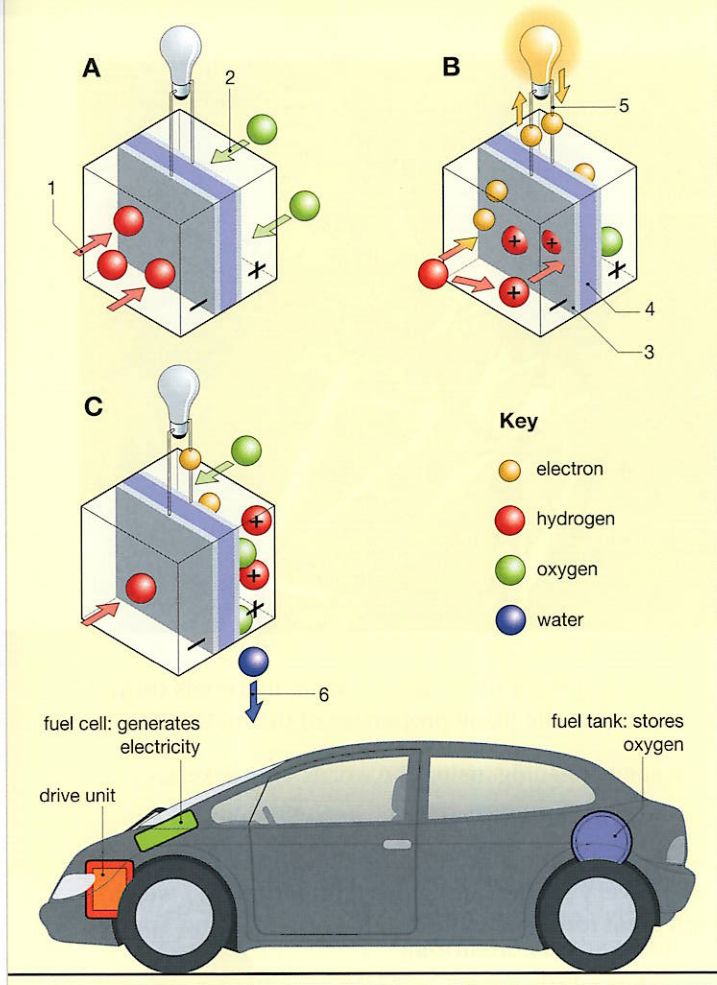
Student D: Argue for the simplest and most convenient system.

Student E: Argue for the system that is quickest to refuel/recharge.

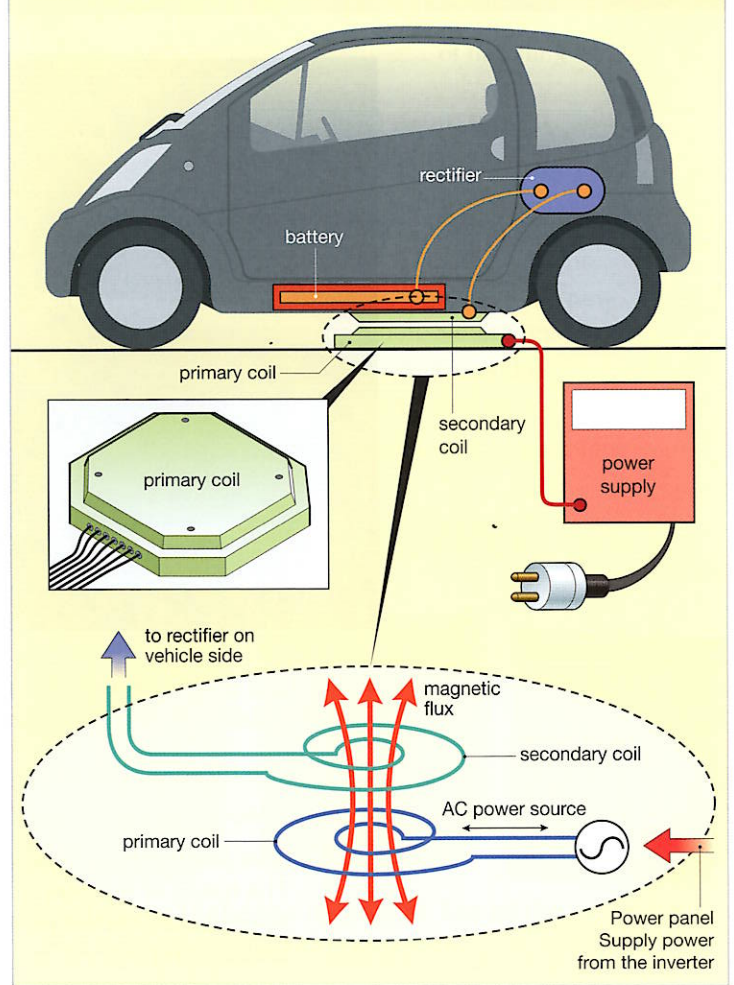
Student F: Argue for the system that is least harmful to the environment.

3 Hold the meeting with your group. Make notes of the meeting's agreed order of options, and reasons for the decisions.

**Fig. 3: hydrogen fuel cell**



**Fig. 4: non-contact (induction) charging**



**Writing** 4 Work individually. Write a report of your meeting, using your notes. In your report, include the following:

- 1 a short paragraph explaining the background (or reason) for holding the meeting
- 2 a brief technical description of the four electric car systems (main points)
- 3 a statement of the decisions you made: from 1 (best) to 4 (least good)
- 4 a short explanation of the main reasons for your decisions on options

**Speaking** 5 Prepare for a class (or group) debate: *The best technology for the future environment.* Make a list of technologies (including ones described in various units of this book) which may help to avoid ecological disaster in the future. Put them in order of most helpful to least helpful. Make notes of your reasons.

6 Participate in the debate. Use your notes to help you give reasons for your opinions.