

## IMAGINEERING JUNIOR ENGINEERING CLUB DC MOTOR WORKSHEET

Complete the following crossword using the names of devices that use motors and then complete the questions below it.

**Across**

1. Kitchen machine for washing up after tea
2. Used with bits that makes holes
6. Clears rain off the car windscreen
7. Keeps food cool
8. Dries your hair when wet

**Down**

1. Allows you to watch films on your TV
3. Useful device for managing the length of grass
4. Keeps the house clean from dust
5. Runs on rails
7. Blows air in or out

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | D | I | S | H | W | A | S | H | E | R |   |   |   |   |
|   | V |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2 | D | R | I | 3 | L | L |   |   |   | 4 |   |   |   |   |
|   | P |   |   | A |   |   |   | 5 | T | O |   |   |   |   |
|   | L |   |   | 6 | W | I | P | E | R | S |   |   |   |   |
|   | A |   |   | N |   |   |   | A |   | V |   |   |   |   |
|   | Y |   |   | M |   |   |   | 7 | F | R | I | D | G | E |
|   | E |   |   | O |   |   |   | A |   | N |   |   |   | R |
|   | R |   |   | W |   |   |   | N |   |   |   |   |   |   |
|   |   |   |   | E |   |   |   |   |   |   |   |   |   |   |
| 8 | H | A | I | R | D | R | Y | E | R |   |   |   |   |   |

1. Name four types of energy:  
**Electricity, Gas, Wind, Wave**

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2. Give three examples of conductors:  
**Copper, Iron, Steel**

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3. Give three examples of insulators:  
**Rubber, Plastic, Wood**

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4. Write a short story about someone who mended his or her bicycle with solder. Illustrate it with a picture or two if you wish from either the Internet or hand drawn.

**NAME:** ..... **DATE:** .....

ISSUE 1 MJE 7-Feb-2005