

(9) WORLD BOOK'S CHILDCRAFT: HOW THINGS WORK

(Pages 8 – 19)

1. Pg 9-11. Try This! (1)

2. Pg 12-13. Who drew an aeroplane, a parachute and a helicopter 300 years before they were made?

3. How do inventors keep their ideas safe?

4. Pg 14 -15. A glass thermometer contains either a silver coloured liquid called _____ or coloured _____.

5. Degrees on a thermometer are either in degree _____ (°C) or degree _____ (°F).

6. Pg 16-17. When a gas changes into a liquid it _____ and _____ heat.

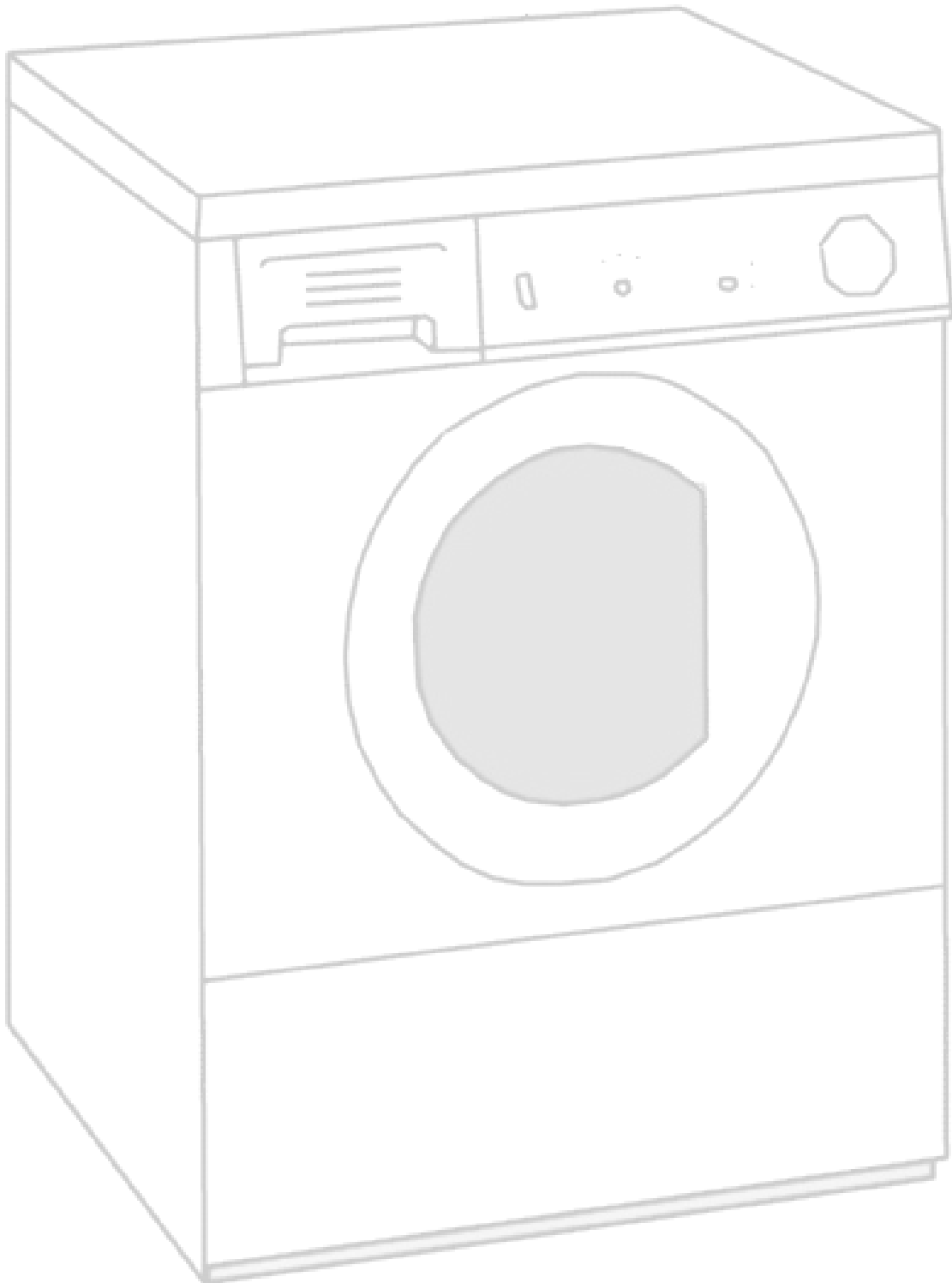
7. Why do we feel chilled when we get out of the bath or after swimming?

8. Pg 18-19. What happens when the metal switch in a toaster bends?

9. Pg 20-21. How does a washing machine know when to stop water flowing into the washing basket (drum)?

10. What happens to your clothes in the washing machine? Cut out the steps and paste them in order.

After adding clothes and detergent and turning on the washing machine...



The clothes twist and tumble about in the soapy water.

The rinse cycle fills the drum with clean water.

A pump drains the dirty water from the machine.

The water is forced out of the clothes and pumped down the drain.

The rinse water is pumped out.

The machine fills the washing basket, or drum, with water.

The drum spins very quickly, flinging the clothes against the sides of the drum.