

Part 1: The Recycling Challenge

Play the 12-minute video entitled 'The Recycling Challenge'. Ask students to fill in the student question sheets as they go (the question sheets follow the solutions below).

Teachers Solutions

- Q1:** How long does Ben Hewett have to complete the 'Recycling Challenge'?
24 hours
- Q2:** Who does Ben suggest you call for advice on your recycling collection system & information on your pick up day?
Your local council
- Q3:** List three things that Ben says can't be recycled, but that have been found in newspaper recycling collections.
Broken bottles
Car parts
Skateboards
Building materials
Dead dog
- Q4:** Where is the Norske Skog de-inking and recycling mill located?
Albury, New South Wales
- Q5:** What was Australia's newspaper recycling rate in the year 2000?
70.1%
- Q6:** What is Australia's national recycling rate target for the year 2005?
74%
- Q7:** Ben describes the clean paper pulp, when mixed with water and agitated, as being like:
Goopy Eggs
Lumpy Custard
Sloppy Porridge
Sticky Jam
- Q8:** When soap and air are mixed together to lift the ink off the pulp it forms:
Explosions
Bubbles
Mud
Green slime
- Q9:** The wire screen that the water and paper pulp is laid out on is called the:
Wet end of the machine
Dry end of the machine

- Q10:** The recycling paper-making process goes on:
For one hour a day
From 9am to 5pm, Monday to Friday
Only on holidays
24 hours a day, 7 days a week
- Q11:** What would happen to the forest thinnings if they weren't used to make newsprint?
They would be made in to toothpicks
They would probably go to waste
They would be made into skateboard decks
They would be made into pencils.
- Q12:** How much less energy is used by making newsprint from recycled fibre?
One-Third
One-Quarter
One-Sixth
Zero
- Q13:** List three ways Ben suggests old newspapers and magazines can be reused.
turned into cardboard
made in to kitty litter
buried as garden mulch
as ceiling insulation
into a ship for export
- Q14:** How many newspapers are sold in Australia each week?
52
25 thousand
520 million
25 million
- Q15:** What time does Ben finish his 'Recycling Challenge'? Is it possible for old newspapers to be recycled in 24 hours?
7 am. Yes, it is possible, but not from all places.
- Q16:** What is the Publishers National Environment Bureau (PNEB) website address?
www.pneb.com.au
- Q17:** Where does Ben threaten to put the talking newspaper?
In the hamster cage
On the bottom of the budgie cage
In the compost bin
In the kitty litter tray

The Recycling Challenge: Student Question Sheet

Watch the video entitled 'The Recycling Challenge' and answer the following questions as you go.

- Q1: How long does Ben Hewett have to complete the 'Recycling Challenge'?
- _____
- Q2: Who does Ben suggest you call for advice on your recycling collection system and information on your pick-up day?
- _____
- Q3: List three things that Ben says can't be recycled, but that have been found in newspaper recycling collections.
- i) _____
- ii) _____
- iii) _____
- Q4: Where is the Norske Skog de-inking and recycling mill located?
- _____
- Q5: What was Australia's newspaper recycling rate in the year 2000?
- _____
- Q6: What is Australia's national recycling rate target for the year 2005?
- _____
- Q7: Ben describes the clean paper pulp, when mixed with water and agitated, as being like (underline one):
- Goopy eggs
 - Lumpy custard
 - Sloppy porridge
 - Sticky jam
- Q8: When soap and air are mixed together to lift the ink off the pulp, it forms (underline one):
- Explosions
 - Bubbles
 - Mud
 - Green slime
- Q9: The wire screen that the water and paper pulp is laid out on is called the (underline one):
- Wet end of the machine
 - Dry end of the machine

- Q10: The recycling paper-making process goes on (underline one):
For one hour a day
From 9am to 5pm, Monday to Friday
Only on holidays
24 hours a day, 7 days a week
- Q11: What would happen to the forest thinnings if they weren't used to make newsprint (underline one)?
They would be made into toothpicks
They would probably go to waste
They would be made into skateboard decks
They would be made into pencils
- Q12: How much less energy is used by making newsprint from recycled fibre (underline one)?
One-Third
One-Quarter
One-Sixth
Zero
- Q13: List three ways Ben suggests old newspapers and magazines can be reused.
i) _____
ii) _____
iii) _____
- Q14: How many newspapers are sold in Australia each week (underline one)?
52
25 thousand
520 million
25 million
- Q15: What time does Ben finish his 'Recycling Challenge'?

- Q16: What is the Publishers National Environment Bureau (PNEB) website address?

- Q17: Where does Ben threaten to put the talking newspaper (underline one)?
In the hamster cage
On the bottom of the budgie cage
In the compost bin
In the kitty litter tray