



NEWS DETECTIVES

TODAY'S NEWS STORY

Chocolate breakthrough cuts cocoa waste

KEYWORDS

- ☐ **Environment:**
The natural world
- ☐ **Cocoa beans:**
Seeds of the cacao tree
- ☐ **Method:** A way of doing something
- ☐ **Sustainable:** Acting in a way that does not harm the environment



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BUILD YOUR KNOWLEDGE

Chocolate is made out of the seeds of the cocoa fruit. Now, scientists have found a way of using the rest of the fruit too! This means that chocolate making could make less waste in the future, which would be good for the environment.

Would you mind changing the taste of chocolate to make it better for the **environment**? Food scientists have found a new way of making chocolate that could reduce waste — but this might change the way that it tastes too!

From bean to bar

Normally, the chocolate bars we love to eat are made out of **cocoa beans**. Now, food scientists have found a way of using the whole cocoa fruit.

The new production method uses a sweet cocoa liquid

instead of sugar to make the chocolate.

Sustainable snacking

Some companies think the new **method** would help the environment because it produces less waste.

Anian Schreiber, who helped set up a **sustainable** chocolate company, says that the current method is as if “you throw away the apple and just use its seeds”.

Some people think that the new method would also be fairer, because it could

create extra money for cocoa farmers.

At what cost?

Some people are worried that the new chocolate would cost more for the people who buy it.

Changing the way that chocolate is made could also change the way that it tastes. But some chocolate makers in Switzerland have already started to use the whole cocoa fruit — and they are confident that we will love chocolate just as much in the future!





INVESTIGATION OF THE DAY

HOW CAN WE USE NATURE WITHOUT CAUSING HARM?

WHAT
could be different
about the new
chocolate?

WHO
could earn extra
money from the
new chocolate?

WHERE
have chocolate
makers started
using the new
method?

WHEN
will we stop
loving
chocolate?

WHY
could the new
chocolate be good
for the
environment?

HOW
is the new
chocolate
made?

1 TAKE ACTION

Did you know that the UK makes nearly 10 million tonnes of food waste every year? That's a lot of wasted food! Why not try putting your fruit and vegetable scraps in a compost bin instead of the normal bin? That means that your leftover food can be used to help other plants to grow, which is great for the environment!



2 SHARE YOUR IDEAS

What have you found out in your investigation? Write, present or even record a piece that shows how you are trying to waste less food. Share what you've learned with your family and friends. What do they think? We want to hear your ideas too! Your teacher can share your reports with us too by sending them to editorial@theday.co.uk.

3 Build THE Change

Deadline
Friday
27th Sep



COMPETITION TIME!

Because of traffic and poor town planning, 60% of 4 to 11 year olds never play outside on their own street. But research tells us that playing outside and connecting with nature is good for people and the planet. One brilliant solution is to set up your own Play Street that's designed for people and nature to thrive! Visit www.playingout.net then enter our design competition!

STEP 1:

Reimagine a street near you as a wild and playful street, one where young people can safely play outside and interact with nature.

STEP 2: Share your vision with us by creating a drawing or a 3D model made from LEGO, craft bits, natural materials or recycled rubbish. Don't forget to explain your awesome ideas and take a photo of your build.

STEP 3: Write a letter persuading the adults around you to set up a wild play street in your community so that local people, wildlife, and our amazing planet can all thrive. Read to them and then send it to us, along with your designs or photos to be in with a shot of winning!



Enter the
competition
to win prizes!

Visit www.theday.co.uk/build-the-change-planet-play/ to find out how to enter the competition.

This worksheet is available every weekday at 6:30am London time from <https://theday.co.uk/resources/news-detectives>.
For any feedback or help please contact buildthechange@theday.co.uk. Thank you.

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