



S A V I N G
 **T H E**  
P L A N E T
 **O N E**  
B L A Z E R
  **A T**  **A**
T I M E  

Eco-Schools

LESSON PLAN
TEACHER NOTES

SLIDE 1

DAVE LUKE OPENER

Saving the Planet One Blazer at a Time

SLIDE 2

WHAT DOES THE WORD ECO MEAN TO YOU?

We hear a lot about being more eco-friendly in the news, but what does 'being eco' mean to you?

David Luke is the manufacturer of eco school uniform – more about that later in the lesson. When it comes to tackling eco issues, David Luke schoolwear believes in the power of youth social action and they would like you to meet some of the amazing young eco activists that they work with.

SLIDE 3

VIDEO 16 UNDER 16

SLIDE 4

YOU HAVE THE POWER

- Do you think you have the power to make a difference to the wellness of our world with your actions?
 - Let's take a look at your school uniform as an example
-

SLIDE 5

WHERE DOES YOUR SCHOOL UNIFORM COME FROM?

DISCUSSION

- Yes but how did it get there?
 - How was it made?
 - Which countries do our clothes come from/how are they made?
-

SLIDE 6

LET'S INVESTIGATE

Where does my school uniform come from?

Ask them to look at the labels on their own or each other's clothes.

How many different fibre types do the examined clothes contain?

- List findings on board/Tally chart.
- How many of each fibre were found.

What do you notice?

What do you know about these fibres?

EXAMPLE LABELS

Shirt (M&S)

Made in Bangladesh

65% polyester

35% Cotton

Skirt (M&S)

Made in Sri Lanka

64% polyester

34% Viscose

2% Elastane Lycra

Cardigan (Next)

Made in Bangladesh

80% Cotton

20% Nylon

SLIDE 7

COTTON (WATCH VIDEO)

Has your uniform been made using plants? (cotton?) Therefore it is a natural fibre. (as are silk and wool)

Cotton is the most important of all natural fibres, accounting for almost half of all textiles in the world. It is an excellent clothing material with a huge variety of uses. Because it is so strong it can be made into fine, thin textiles, as well as hard-wearing fabrics like denim.

DISCUSSION

Why do we use cotton to make clothes?

(its ability to control moisture, insulate, provide comfort and it is also hypoallergenic, weatherproof and is a durable fabric.)

SLIDE 8

POLYESTER (WATCH VIDEO)

DISCUSSION

- Has your uniform been made using plants like cotton?
- Polyester – what is it? It is made from crude oil therefore it is a synthetic fibre.
- Why do we use polyester to make clothes?
- Polyester is wrinkle resistant, more durable and has high colour retention.
- Does anyone else know what else is made from crude oil? (Plastic)

SLIDE 9

HOW CLOTHES ARE MADE FROM PLASTIC

Does anyone know how plastics can be turned into a textile?

Watch clip 0-29secs

SLIDE 10

FROM BOTTLE TO BLAZER

The process Depolymerisation is a process which allows you to take a plastic bottle back to its original state of crude oil. Polymerisation follows same process in reverse, allowing it to be a component of an Eco fabric.

DISCUSSION

So recycled polyester is made from plastic, therefore how many of you children could be wearing clothes made from plastic?
(hold plastic bottle up as a link between plastic/crude oil/clothing).

Look how you could make the choice to have a school uniform made in this process, turning all the single use plastics into an eco uniform?

What makes it 'Eco'?

Plastic bottles are used instead of crude oil to create polyester for our Eco-garments.

SLIDE 11

LET'S INVESTIGATE

- Let's see how many single use bottles you and your family use at home in an average week include plastic milk containers, juice bottles, water bottles.
- Take that figure and multiply by 52. How many single use bottles are used in your house per year?

SLIDE 12

DAVID LUKE ECO-UNIFORM STYLES

CHALLENGE

Using the figures below work out how many plastic bottles your class could save by wearing Eco-uniform. Why not challenge the class further and work out how any plastic bottles could be saved from landfill if your whole school wore Eco-uniform?

- **Eco-blazers & jackets:** 100% of the polyester comes from recycled plastic bottles. Average number of bottles used is 18.
- **Boys Eco-trousers & shorts:** 30% of the polyester used comes from recycled plastic bottles. Average number of bottles used is 4.
- **Girls Eco-trousers & skirts:** 100% of the polyester comes from recycled plastic bottles. Average number of bottles used is 5.
- **Eco-polo shirts:** 100% of the polyester comes from recycled plastic bottles. Average number of bottles used is 2.
- **Eco-sweatshirts:** 100% of the polyester comes from recycled plastic bottles. Average number of bottles used is 3.

SLIDE 13

DAVID LUKE PRESENTS

SLIDE 14

DAVID LUKE FANTASTIC FACTS SLIDE

26 million bottles prevented from going to landfill

PLENARY

How do you feel about wearing a uniform knowing that it is helping the environment? David Luke Schoolwear encourages you to find your voice and get involved in the eco conversation.

Share the knowledge you own about the ways in which your actions can influence the well-being of our world. How might you encourage others to act similarly in order to help the environment?

Wear your eco-uniforms with pride knowing that you are proudly representing your school **and** preventing single use bottles going into landfill.