**100 Years of Fashion and Technology lesson plan/script**

**Lesson plan:**

**10 mins - 100 Years timeline activity**

**10 mins - Living through History activity**

**15 mins - Fashion in the 2020s presentation**

**Around 1 hour - Task: Design an outfit for the future**

**Around 15 mins - Present designs to the class**

**Script:**

**10 mins - 100 Years timeline activity**

Task: Match the fashion to the right decade

\*\*\*Share screen with Padlet to match the image to the decade / or have images printed out\*\*\*

* I’ll show an image on the screen / or hold up an image - the images are the same as on your sheet. I’d like you to work out which decade each image should go in and I’ll place them on this timeline.

**10 mins - Living through History activity**

* So, we’ve reached the 2020s on our timeline…..this is the time we are living in but in the future people will look back on the 2020s as history.
* Can you think what is happening right now that will be remembered in history??
* I want you to write down three things that will be remembered in history:
  + one thing that’s happening that’s affecting society
  + one thing that is a fashion
  + and one piece of technology that is important

*Ask pupils to share some examples*

**15 mins - Fashion in the 2020s presentation**

- Ok - I’m going to talk to you now about what fashion is currently like - in the 2020s - and why fashion is harming the planet.

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Slide 1:

Does anyone know what Fast Fashion means?

Fast fashion is a description of how clothes are made in the 2020s. They’re made as cheaply as possible and fashion brands want to sell as much as possible, they want to sell it quickly and lots of it.

And does anyone know what Landfill is?

A landfill site, also known as a the tip or dump, rubbish is a site for the disposal of waste materials. A landfill is basically a big massive hole in the ground where rubbish is buried. Anything you put in your general rubbish bin goes to Landfill or is burned.

Why do you think I’ve put photos of fashion and rubbish on the same page?? Have a little think…

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Slide 2:

It’s because, i**n the 2020s - 100 billion new items of clothes are made every single year. 100 billion.**

**But, 3 out of 5 items are thrown away within 12 months.**

To make news clothes uses lots and lots of resources like fabrics, materials, energy, plastic and chemicals. People need to sew the clothes and the clothes are shipped around the world to be sold in our high street shops and online. So, there’s a lot of pollution from making new clothes - and this pollution is adding to climate change.

But, we throw most of the new clothes we buy away. We put them in the bin within a year.

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Slide 3:

In the UK we buy way more clothes than we need. We’re buying more and more new clothes each year.

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Slide 4:

Lots of those clothes are made from plastic - we all know about single use plastics like bottles and bags being bad for the environment but did you know lots of your clothes are made from plastic?

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Slide 5:

On top of that, making clothes uses lots and lots of water. It takes 2700 litres of water to make 1 t-shirt.

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Slide 6:

And the people who make clothes are paid very low wages, too little to life off, and the factories that they work in are often unsafe.

Another upsetting thing is that the people making the clothes are usually young people, and sometimes they are children younger than you are.

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Slide 7:

So, this is what fashion is like in the 2020s. Clothes are made cheaply - which badly affects people and the environment. And in the UK we’re buying way more clothes than we need.

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Slide 8:

What do you think should be done differently?

This afternoon I’m going to be asking you to design an outfit for the future, before I do, I want to tell you about some things that can be done to tackle ‘fast fashion’

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Slide 9:

Across the world, people are inventing new fabrics that are more environmentally friendly and I’m going to show you a few now…

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Slide 10:

Bamboo fabric is like silk…it’s really soft and silky. It’s made from Bamboo trees which grow very quickly and don’t need very much water to grow. Bamboo fabric is also hypoallergenic so is good for people with allergies.

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Slide 11:

The second fabric I want to tell you about is made using hagfish slime! That’s a hagfish on the right…..and the slime it produces can be made into an eco fabric that’s really stretchy. Would you wear it??

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Slide 12:

Another fabric is being made by recycling plastic bottles and clothes. The bottles are broken down and turned into a fabric. 90% less water is used making recycled polyester. And recycling an old material uses less energy than making an entirely new material.

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Slide 13:

And the final fabric I want to tell you about is made using a 3D printer. 3D printers can be used to make tiny figurines and big parts for building - but they can also be used to print fabric using recycled plastics. The fabric is like chainmail or mesh with lots of little interlocking parts.

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Slide 14:

But - when you’re designing your outfits this afternoon - I want you to remember that not all solutions need to be high tech. The biggest thing we can do in the future to help tackle fast fashion is to buy fewer new clothes. So clothes in the future need to be long lasting, they need to be well made and they need to be special.

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Slide 15:

Another thing we can do in the future is to mend our clothes to make them last as long as possible. We can fix our clothes in fun and creative ways. We can make clothes personal by mending them and adding stitches / patches / drawings to them. So in the future, clothes might be customised - clothes might have ways of being mended, or being personalised with badges or flowers or interesting stitching.

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Slide 16:

So, there are some ways that people are tackling fast fashion.

Now, you’re going to have about 1 hour to design an outfit. You can draw a picture like on the screen here using lots of colour, you might use collage to add texture and interesting shapes and you can also write notes on your drawing to explain your invention.

I want you to use your imaginations to think about what fashion will be like in the future. Think about:

* What will clothes look like? (What colours and shapes will clothes be in the future?)
* How will clothes be more environmentally friendly? (Will they use new fabrics or technology?)
* How will clothes be exciting and special?

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Slide 17:

I wanted to give you some ideas to get you thinking: —— on screen

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**1 hour - Task: Design an outfit for the future**

**15 mins - Present designs to the class**