

Year 7 and 8 Design Technology

Please work through the following activities, completing the set task on each slide. You will need paper, a pencil and colouring pencils or pens.



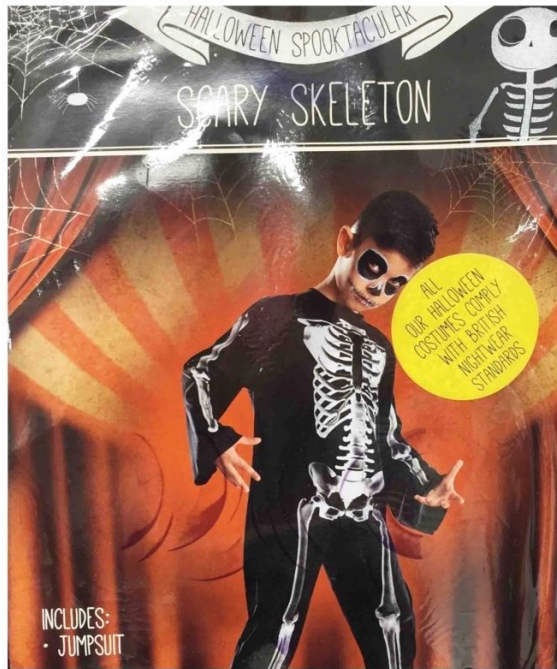
Task:
Use this graffiti art as inspiration to design a pencil case (fabric or plastic). Add colour and annotation to your designs.

#ThinkDo

Graffiti: Vandalism or inspiring art work? What's your opinion?

How would you use graffiti art as inspiration?

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Task:
Design your own
Halloween product
to be sold in a
supermarket or
online. Annotate
(Label) and explain
your design.



#ThinkDo

Halloween inspired
merchandise

What would you design?

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Task:
Design packaging for a product of your choice, try to include a play on words. Or alternatively re-design the packaging shown.

#ThinkDo

This packaging for charging cables and adaptors is inspired by a play on words for the meaning of the word 'juice'.

How could you use this idea to inspire a design for a product or for packaging?

ERGONOMICS



GOOD GRIPS
KITCHEN GADGETS



HERMAN MILLER CHAIR



COMPUTER MOUSE



LEFT HANDED PEN

HOW HAS ERGONOMICS IMPACTED ON MY DESIGN?



#Clues
Interacting with products and systems, comfort, posture, compliments how the body works,
ease of use, human factors

TECH doodle

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Ergonomics is – Considering how comfortable and easy a product will be to use.



SKATEBOARD SEAT

---ADD---

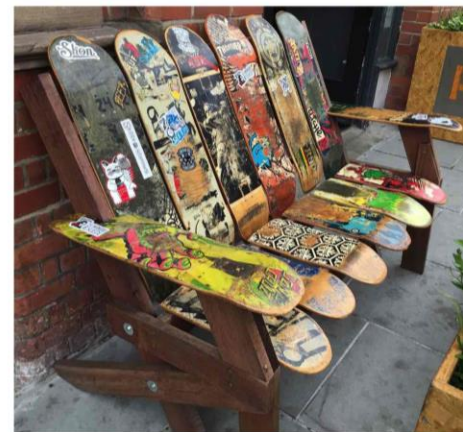
---REMOVE---

---CHANGE---

---RETHINK---

---COMBINE---

---REPLACE---

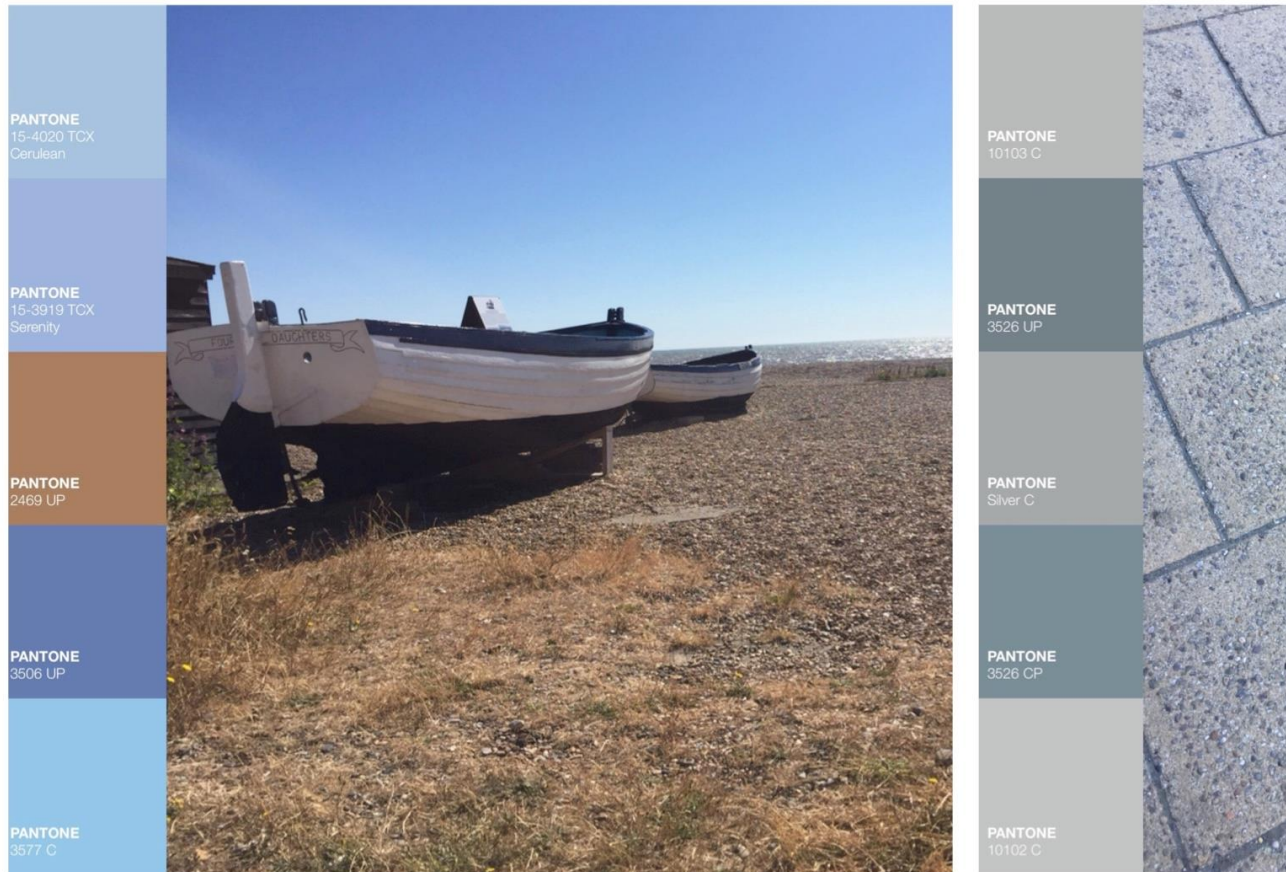


#Clues

Size, shape, techniques, materials, features,
function, aesthetics

TECHdoodle

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#ThinkDo

The Pantone Studio App allows designers to create colour schemes from everyday scenes (some sections of the App are free to use, find out more at www.pantone.com/studio).

Find out more about Pantone colours and how they are used by designers, including the Pantone Colour of the Year, at www.pantone.com

Create your own colour schemes from everyday scenes and objects around you. You can do this by downloading the App or by using a variety of other media such as paints and fabrics.

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#ThinkDo

Iconic ingredients combined: Heinz tomato ketchup or HP brown sauce with a sausage roll.

Which one gets your vote?

What other iconic ingredients would you combine to make a new product?

What non food products would you combine to create a new product?

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Task 1: Combine two food ingredients to create a new product.

Task 2: Combine two non food products to create something new.



#ThinkDo

Royal Mail 'Smiler' stamps that celebrate life events. They are sold separately as well as being available to customise with your own photo attached to the stamp.

What other life events could be celebrated?

What would the stamp design look like for these events?

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Task: Design your own set of 'Life event' stamps, using events from your own life. Present your designs well, adding colour and a description of the event underneath each stamp.



#ThinkDo Dr. Marten boots

How would you personalise a Dr. Marten boot to create an individual design?

Find out how Dr. Marten boots are made <http://goo.gl/ovlCie>

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Task: Design your own custom Dr Marten boots. Add colour and annotate (Label) your designs.

#ThinkDo



When designing the decor in this coffee shop the designer didn't consider what it would look like from different seats in the restaurant.



What examples of design fails can you find where a product or design doesn't don't quite work in the way the designer intended?

How would you improve the design of the products you have identified?

Task: Use the internet to research examples of 'design fails' or examples of bad design. Create a mood board showing the examples that you find.

om

ails

in



#ThinkDo

What do these symbols mean?

What types of products might you find them on?

What other symbols might you also find on products that have these these 3 symbols?

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Task: Use the internet to find out what the symbols mean. Find some examples of other safety symbols and explain their meanings.

