

MEET THEM



Dr Ellen is based at the Natural History Museum and University College London but has travelled all over the world to do her research. Ellen is an evolutionary biologist, has loved whales since she was 6 years old and likes to try and answer questions like ‘why and how did whales lose their legs?’ and ‘will whales go extinct because of climate change?’.

Watch Ellen’s video (30 MINS)



ACTIVITY: WHALE UX AND UI DESIGN

In her video, Ellen talks about the impact whales have on the ocean and the whale pump. Not many people know about the impact whales have on CO₂ levels and the whale pump. Using the information from Ellen’s video (you can also do some extra research), design an app people from around the world can use to learn more about whales.

THINK ABOUT:

- 1 Who is your target audience for this app?
- 2 If people from around the world are using your app, how can they switch languages?
- 3 How will you explain the whale pump to your target audience?
- 4 What is your app called?
- 5 Where can people go to find out more about whales?
- 6 Will you link to charities/organisations to help save the whales?



Get into groups of 2-3 and design at least 3 pages of your app. Use the phone screen templates on the next page to start drawing your proposed app designs. You’ll need to consider your layout and how to make the app as easy as possible for people to use. Make sure you label your designs and write a description of your app.

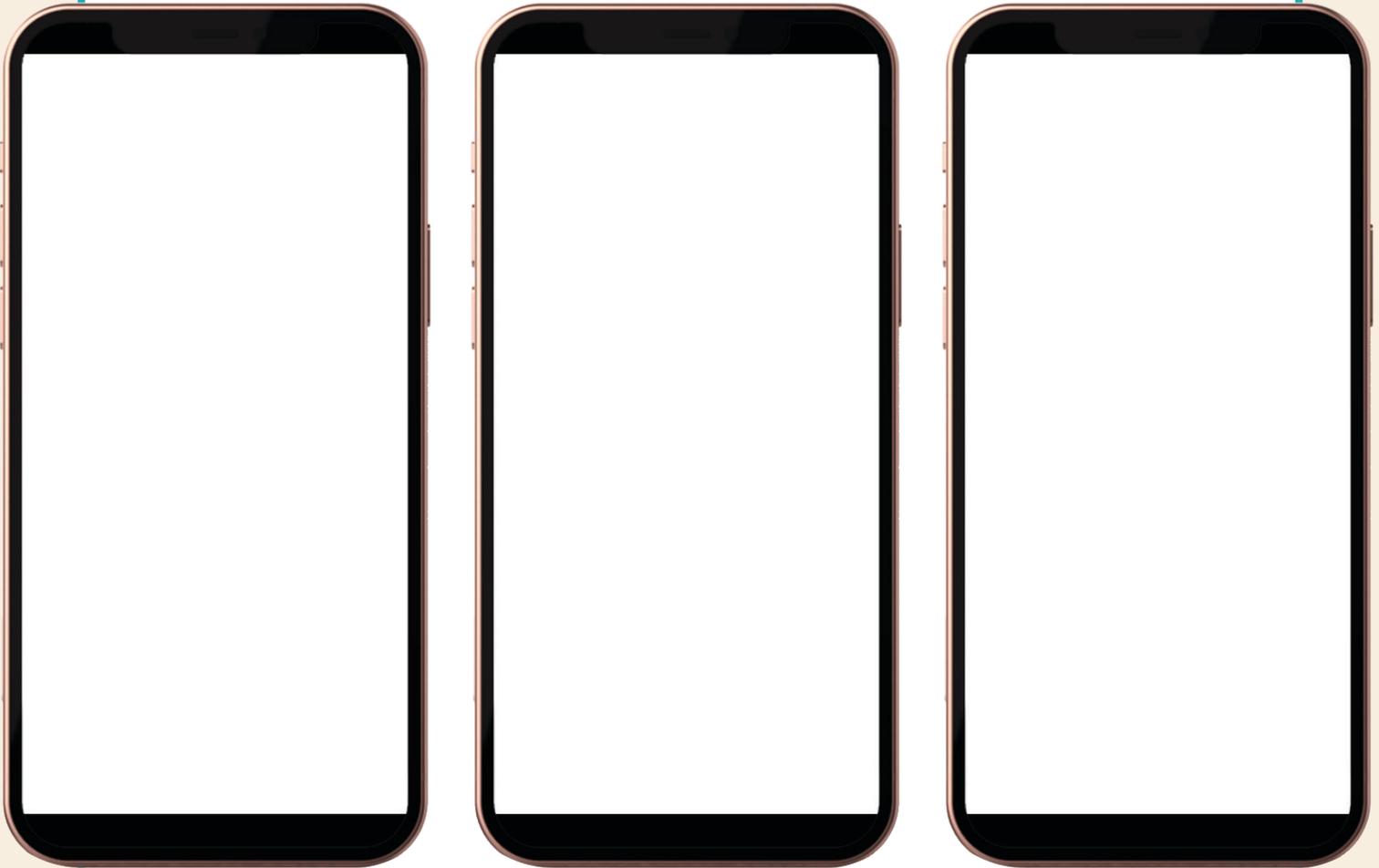
Present your app to the rest of the group/class.

Our app is called:

Description:

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ACTIVITY: WHALE UX AND UI DESIGN continued



Extension: You can download the [Marvel app](#) or [Prototype On Paper app](#), and this will allow you to take photos of your design and turn them into a working app with buttons linking to websites and other pages you can create.

NEXT STEPS...

If you're aged 4-18 and you're inspired to create a **Scratch project** on the themes covered here, submit it to the About Us coding competition by 23:59 GMT on 19 December 2021 for a chance to win some amazing prizes. You can also enter the **poetry competition** on the same theme by submitting a poem. Find out more and enter online at aboutus.earth.

