

Pearson Edexcel Level 2

Certificate in Digital Applications Unit 1: Developing Web Products

9 May - 13 May 2016

Time: 2 hours 30 minutes

Paper Reference

DA201/01

You must have: A computer workstation, appropriate software, ASSETS folder containing data files and EVALUATION.doc, blank paper for design work

Instructions

- Complete **all** activities.
- You must **not** use the internet during this test.

Information

- There is **ONE** task in this examination paper, containing **TWO** activities.
- The ASSETS folder in your user area includes all the content and information you need.
- The invigilator will tell you where to store your work.
- You may use blank paper for design work.
- The total mark is **50**.
- The marks for **each** activity are shown in brackets
– *use this as a guide as to how much time to spend on each activity.*

Advice

- Read the task and instructions on pages 2–4.
- Save your work regularly.
- Check your work.

Turn over ►

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CLIENT BRIEF

The *missbee* campaign is a national organisation that wants to protect the UK's bee population.

Missbee requires a website to encourage both adults and children to join the campaign and take part in activities to save our bees.

The basis for the content and information for the website can be found in the ASSETS folder.

Overall site requirements

- Four pages:
 - home page, including a news section
 - kids page
 - campaign page, linking to:
 - beekeeping page
- The page size should be 1366 x 1000 pixels. Vertical scrolling is acceptable.
- The kids page should specifically appeal to children aged 6 to 12 years. The other pages in the website should appeal to all ages.
- Facts about the *missbee* campaign should be taken from the INFO.rtf file. This text may be edited.
- Images to be taken from the ASSETS folder.
- Accessibility features for visually impaired users.
- An appropriate and consistent design across the website.

Other requirements

- Page template** A banner including a suitable image and the company logo. The banner should extend to the full width of the page.
- A navigation bar linking to: the home page, kids page, campaign page and the news section of the home page.
- The navigation bar should include the home icon, kids icon, campaign icon and news icon as part, or all, of the links.
- The logo and icons can be found in the IMAGES folder.
- File formats** Images must be in .png format and each individual image must be less than 250 KB.
- Video file should remain in .mp4 format.
- News section** The home page will include a news section. Create an anchor on the home page at the start of the news section. The anchor should be linked to the news icon in the navigation bar.

Infographic

The image INFOGRAPHIC.bmp can be found in the IMAGES folder:

- create a box on the home page with the background colour #0099cc and a 1px solid black border
- add the title – Facts and Figures – using an <h2> tag
- insert the infographic image into the box, beneath the title.

Seeds

The SEEDS.png image, which can be found in the IMAGES folder, shows the front and back of a seed packet.

Create a graphical image that:

- shows only the front of the seed packet
- rolls over to reveal only the back of the seed packet. The rollover image should be exactly the same size and position as the front of the seed packet
- is included in the news section of the home page.

Hotspots

The image HOTSPOTS.png can be found in the IMAGES folder.

The image should be included on the campaign page.

Add the beekeeping icon (from the IMAGES folder) to one of the hexagons. Include a hotspot on this hexagon to create a link to the beekeeping page.

One of the hexagons has a picture of the *missbee* mascot. Link this hexagon to www.gov.uk/bees.

Competition

On the kids page, include information about the 'Mascot Competition'.

Add an email link to submit entries for the competition.

The competition information and the email address can be found in the INFO.rtf file.

Video

VIDEO.mp4 is included within the ASSETS folder. It should be:

- embedded on the kids page
- looped to play continuously.

Poster

The image POSTER.png can be found in the IMAGES folder:

- include the image on the beekeeping page.

THE TASK

You must design and create a website for the *missbee* campaign.

You will need to create a page template to ensure consistency.

You must include the requirements specified in the client brief.

You should create a logical folder structure for your site files.

In Activity 2, you will need to explain your design decisions, justify your choices and suggest further improvements as part of your evaluation.

Activity 1

Design, build and test the website.

Note: you do not need to check any external links.

(44)

Activity 2

Complete an evaluation of your website using the document EVALUATION.doc

(6)

(Total for Task = 50 marks)

TOTAL FOR PAPER = 50 MARKS