

Pearson Edexcel Level 2

Diploma in Digital Applications

Unit 5: Coding for the Web

11 January – 15 January 2016

Time: 2 hours 30 minutes

Paper Reference

DA205/01

You must have:

A computer workstation, appropriate software,
ASSETS folder containing data files, 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.
- 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**.

Advice

- Read the task and instructions on pages 2–6.
- Save your work regularly.
- Check your work.

Turn over ►

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CLIENT BRIEF

Crawdale Valley Wildlife Trust is a large conservation charity that organises activities and campaigns to protect endangered species found in the Crawdale valley.

Crawdale Valley Wildlife Trust has provided you with a **wireframe** of the website that it would like you to create.

You **must** follow the **wireframe** exactly when creating the website.

Overall site requirements

- A one-page website with anchors to the following headings on the page:
 - HOME
 - GALLERY
 - NEWS
 - SHOP
- Structural elements including metadata.

All required images and information are supplied in the ASSETS folder.

External style sheet

As you build the website you will need to create an external style sheet.

The external style sheet will include the following properties:

- Body:
 - background-color – #999999
- Default font:
 - font-family – Arial, Helvetica, sans-serif
 - font-size – 100%
 - line-height – 1em
 - color – #FFFFFF
 - font-weight – normal
- Links:
 - font-size – 1.2em
 - color – #FFFFFF
 - text-decoration – underline
- Rollovers:
 - color – #990000
- Navigation bar:
 - background-color – #006633
 - font-color – #FFFFFF
- Gallery:
 - background-color – #006633

- News:
 - background-color – #990000
 - font-color – #000000
 - font-size – 0.8em
- Shop:
 - background-color – #FFFFFF
 - font-color – #000000
 - font-size – 0.8em

Other site requirements:

Header

The header section is 1024 x 550px. You should include the title as shown on the **wireframe** with a background colour of #9C9000.

Position the navigation bar as shown on the **wireframe** and provide links to the following parts of the page:

- HOME (top of the page)
- GALLERY
- NEWS
- SHOP

Position the image LOGO.png as shown on the **wireframe**.

Position the image VALLEY.png as shown on the **wireframe**.

Add the relevant text from INFO.rtf to VALLEY.png as shown on the **wireframe**. You should use a font colour of #FFFFFF.

Gallery

The gallery section is 1024 x 425px. Add the heading as shown on the **wireframe**.

Insert an image slider for the following images:

- SQUIRREL.png
- STOAT.png
- NEWT.png
- HEDGEHOG.png

The HTML, CSS and JavaScript for the image slider are supplied in the folder called IMAGE_SLIDER.

You must incorporate the image slider as shown on the **wireframe**.

Position a rounded text box as shown on the **wireframe**.

The box should:

- have a background-color – #009933
- have rounded corners set to 15px
- have a 3px, solid border, color – #999999

Use an unordered list to create four bullets to add the relevant text from INFO.rtf to the box.

News

The news section is 1024 x 300px.
Add the heading as shown on the **wireframe**.

Position boxes as shown on the **wireframe**.
The boxes should have a background-color – #FFFFFF
Add the relevant text from the INFO.rtf file to the appropriate boxes.

For the email update box create a form.
The code is in the FORM folder.
Use JavaScript to alert the user if a field has been left blank.

Shop

The shop section is 1024 x 350px.
Add the heading as shown on the **wireframe**:

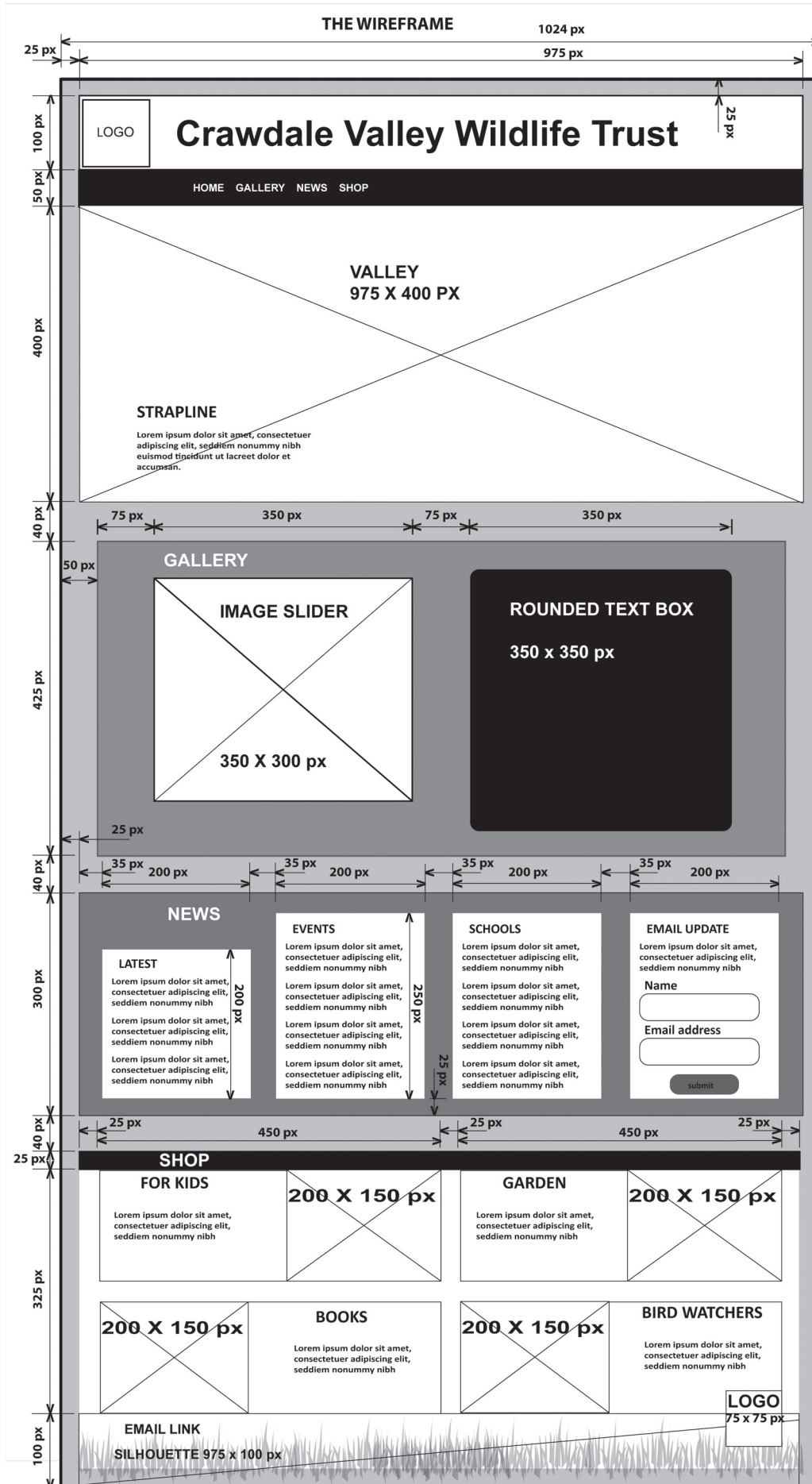
- background-color – #990000
- font-color – #FFFFFF
- font-size – 0.8em

Insert images and add relevant text from the INFO.rtf file, as shown on the **wireframe**.

Footer

The footer is 1024 x 100px.
Insert SILHOUETTE.png
Resize and position the logo as shown on the **wireframe**.
Add the following email link – info@cvwt.org.uk

THE WIREFRAME



THE TASK

You must build a website for *Crawdale Valley Wildlife Trust* using appropriate programming languages.

The website must be viewable in a desktop web browser.

You must include the requirements specified in the client brief.

(Total for Task = 50 marks)

TOTAL FOR PAPER = 50 MARKS

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