



Papers to buy for the 11+, 13+ and 16 +exams

Each paper contains 200 worked questions and solutions

Prices shown include postage and packing to all parts of the UK

Paper image

Paper name

Paper description

Price of paper

Bar to select quantity

Paper image

Paper name

Paper description

Price of paper

Selection bar to select quantity to add to cart

Paper image

Paper name

Paper description

Price of paper

Selection bar to select quantity to add to
cart

Notes: This is the papers page. A user can select papers even if they are not logged in. Items are added to the cart and once user clicks on checkout to checkout items they will then be required to login. If user does not select a quantity to order and just presses add, an error message is shown asking user to select a quantity before pressing add to cart button.

Mobile view: User will see stacked view of the papers.

Logged in page

[Maths Plus Revision](#)

[Papers](#) [About Us](#)

[Log out](#)

[Profile](#) [Blog](#)

[Cart](#)

[Search](#) and [search icon](#)

About Us

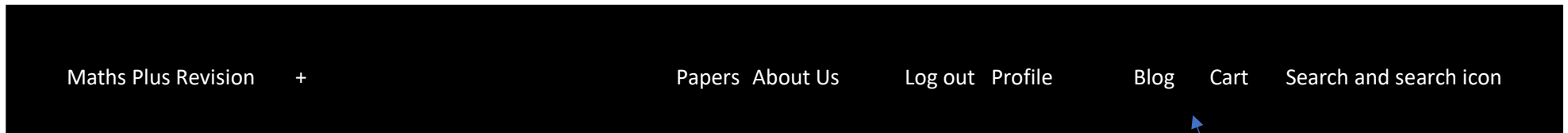
We are a group of teachers who have had over 24 years experience teaching 11+ 13+ and 16 + pupils

Our papers are written by teachers and tested by students

Large hero image to display here showing maths symbols

Notes: website aimed at parents so colour scheme will be white background with image in grey/green colour. Mobile display will be narrower. To be styled in bootstrap 4.

Cart page



Items in your cart



Image of paper ordered

Name of paper set

Description of paper set

Cost for 1 paper, Amount ordered, Total cost

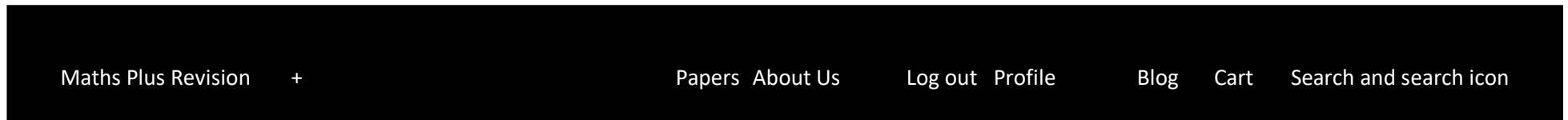
Checkout box

Note: Also need is a box so that user can amend the quantity if desired.

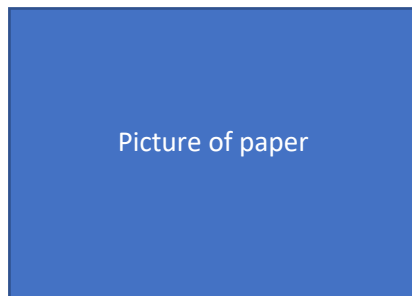
Items In cart shown here

Notes: Mobile view as shown

Checkout page



Checkout your papers



Item description

User informed how many of the papers they have ordered. User informed of cost of one paper

User informed of total cost. User presses button to checkout

User completes checkout form with name, phone number, address, postcode, country and credit card details.

Once completed user hits submit button.

If payment has been successful then message is shown to indicate this, otherwise user sees message to indicate that payment has been rejected at this time.

Mobile view: As for web view but all items stacked in a column and menu button appears.

Logged out page

Maths Plus Revision +

Papers About Us

Log In Blog

Cart

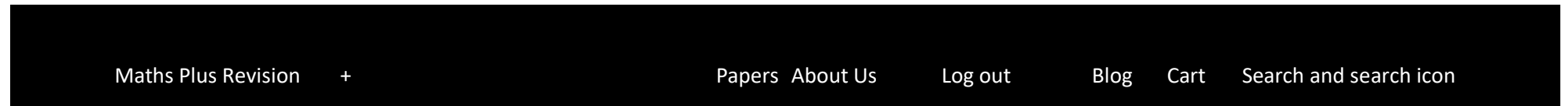
Search and search icon

About Us page appears when user is logged out.

Logged out successful message appears at top of screen.

Notes: Mobile view: Menu appears as a button in stacked view.

Blog page contains blogs on learning maths



Learning maths blog

Author name:

Title of article

Article content

Read more button

Date published

Number of views

Tags

Notes: Mobile view as stacked column – button available for user to use to move between menu items.

Databases to be created and used

Product model

Name	Key in db	Validation	Fieldtype
Name	name	maxlength=254	Charfield
Description	description	no maxlength	Textfield
Price	price	maxdigits=6, decimalplaces=2	Decimalfield
Image	image	nomaxlength	Upload to images

Order model

Name	Key in db	Validation	Fieldtype
Fullname	full_name	maxlength=150	Charfield
AddressLine1	address_line_1	maxlength=150	Charfield

Name	Key in db	Validation	Fieldtype
AddressLine2	address_line_2	maxlength=150, blank=True	Charfield
Town/City	town_or_city	maxlength=150	Charfield
County	county	max_length=150,blank=True	Charfield
Postcode	postcode	max_length=10	Charfield
Date ordered	date_ordered	default=date.time.today	DateField

- An order is created first before order line item is created as orderline item connects to order using a foreign key.

OrderLineItem model

Name	Key in db	Validation	Fieldtype
Order	order	maxlength=150	Charfield
Product	product	maxlength=150	Charfield

Name	Key in db	Validation	Fieldtype
Quantity	quantity	maxlength=150, blank=True	Charfield

*An instance of orderlineitem is only created on receipt of an order by a user for each item the user selects and places in the cart so it uses a foreign key.

Posts model

Name	Key in db	Validation	Fieldtype
Title	title	maxlength=200	Charfield
Content	content	no maxlength	Textfield
Created date	createddate	dateformat = 6 chars	DateTimeField
Published date	publisheddate	dateformat=6 chars	DateTimeField
Views	views	no max length	IntegerField
Tag	tag	maxlength=30	Textfield

Essential Notes for set up of project:

All databases to be set up as a model in appropriate Django app.

Create project and ensure all apps listed below are shown as installed apps in settings file.

Apps needed are:

Accounts app to keep track of user accounts

Cart app to keep track of what is in the cart

Search app to search for papers

Products app to hold details of products

Checkout app – connects to stripe to handle user payments

Posts app – to hold and keep track of blog posts.

Additional folders needed are:

Wireframes folder to include all wireframes and images to put in github readme file.

Templates folder to hold registration templates

Base template needed to control overall layout of page

Media folder needed to hold all images used in project

Static folder needed to contain css file for formatting, js file for javascript libraries including j query and font awesome library

Requirements file needed to hold details of all technologies used in project – necessary when project is hosted on Heroku.

Readme file – to contain writeup of project.

.gitignore file to contain all environment variables and other hidden files which are not pushed to github.

Project to be hosted on Heroku so all environmental variables will need to be put in Heroku dashboard for this project.

Remember to set debug to False when pushing to Heroku.