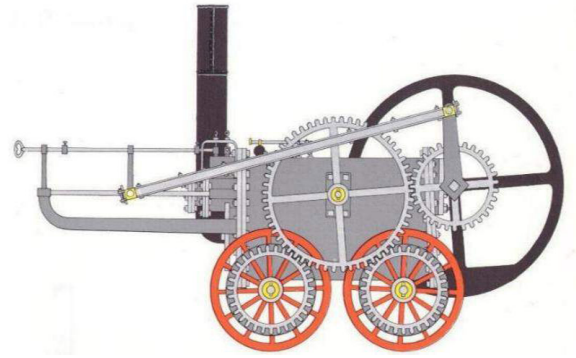# ASSIGNMENT 2
Game Changing Technology
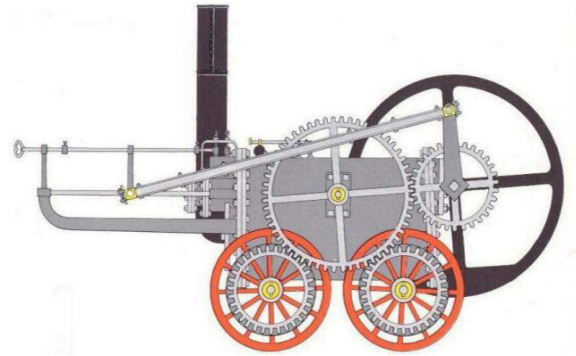
DESCRIPTION

Construct an HTML page with a short article about a particular piece of technology that had a profound effect on humankind. Some good examples might be the *steam locomotive*, *radio* or even the humble *desktop mouse.* The page should include at least one image with an appropriate credit to the photographer or illustrator. The page will also feature a form, allowing a visitor to purchase this piece of technology.

INSTRUCTIONS

1. Choose an interesting piece of technology (or a technological breakthrough) that helped create a fundamental change in society, the human condition or the way that we perceive ourselves. Read some reputable sources of information about the topic.
2. Write a short article (a few paragraphs is fine) about this particular technology and why it had such a powerful effect on society or on yourself.
3. Construct a properly structured HTML document.
4. Structure the page with appropriate sectioning elements (page-level headers and footers, section, article, aside, and headings) to build the main document outline.
5. Use appropriate HTML tags to mark up the text of the writing (for example, a **<p>** tag would surround a paragraph, a **<q>** tag would surround a quotation, emphasized text would be enclosed with a pair of **<em>** tags, and so on).
6. Include at least one **<img />** element to insert a relevant illustration or photograph inside a paragraph in the page with an **alt** attribute. Ensure that the type of file is appropriate to the image (.jpg for a photograph, .png or .gif for an illustration/graphic).
7. Build a simple order form that would allow a visitor to purchase the technology that the page features. Include a variety of form controls such as labels, fieldsets/legends, text boxes, selects, radio buttons, checkboxes, submit buttons and any others that you feel make sense.
8. Include helpful HTML comments to make the code more friendly and easier to maintain. Ensure that your code is also formatted appropriately.
9. Ensure that your HTML page is valid (check it with the Validation Service at http://validator.w3.org/).
10. Have fun.

Image: Locomotive made by Richard Trevithick and Andrew Vivian (1801), Wikimedia Commons (public domain)

ASSIGNMENT 2
Game Changing Technology

TAKE IT FURTHER

1. Upload your HTML page, your CSS file and the image to your personal hosting space on the college's web server.
2. Construct an external CSS file to apply styles to the text, and perhaps some subtle use of colour (use either a `<link>` element or a `<style>` element with an `@import` rule).
3. Include at least one hyperlink to another resource on the Internet about your particular topic.
4. Anything else you can think of…

SUBMITTING YOUR WORK

Please upload a .zip archive that includes your HTML file, your CSS file and any images. Alternatively, upload the HTML, CSS and image file to your account on the Georgian College sandbox web server and then post a link to the document in the assignment on Blackboard.
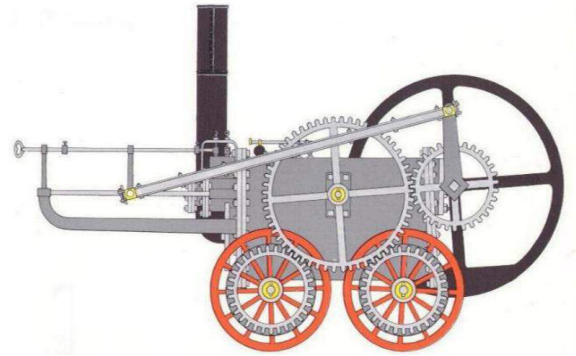
EVALUATION

Please refer to the chart (assessment rubric) below. You will be graded on *how well* you followed the *assignment instructions* from both a *technical* and a *creative* perspective as spelled out in the rubric. This project is weighted **10%** of your total mark for this course.

Criteria	Mark
TECHNICAL EVALUATION	**0-5**
The document has a valid DOCTYPE element in the correct location and the structure of the primary page elements is built correctly and nested properly (HTML, HEAD, BODY)	
The page is structured with appropriate sectioning elements (page-level headers and footers, section, article, aside, and headings, for example) to form the main document outline	
The document is valid as verified at http://validator.w3.org/.	
A form is included on the page that features properly built form controls such as labels, fieldsets/legends, text boxes, selects, radio buttons, checkboxes, and a submit button.	

Image: Locomotive made by Richard Trevithick and Andrew Vivian (1801), Wikimedia Commons (public domain)

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Criteria	Mark
Effort to implement some other technical aspect of the assignment is evident	
CREATIVE EVALUATION	
The document code is formatted neatly, with nested elements tabbed in from the left margin to visually indicate structure	
Careful thought has gone into choosing HTML elements that describe the different parts of the document content	
There are useful and thoughtful comments in the code to help make it more maintainable and friendly	
Effort to implement some other creative aspect of the assignment is evident	
Total	**/45**

Image: Locomotive made by Richard Trevithick and Andrew Vivian (1801), Wikimedia Commons (public domain)