

SAMPLE TASKS FROM

WEB DESIGN: HTML TASKS TO TACKLE

Grade 11: You have been asked to work on a webpage about dental health. Open the incomplete webpage **Task 5 (Teeth)** in a web browser like Internet Explorer and also in an HTML editor, e.g. Notepad++. Save the file as **05 Dental health**.

1. Insert your name as a comment at the top of the page. (1)

The image below should help you with the next few instructions (no. 2 to 4).

Dental health kit essentials

There are just a few basics needed to keep you smiling through your dental routine, and at the same time keep your teeth, tongue and mouth clean and healthy too.

Electric toothbrush

Electric toothbrushes are not necessarily better than manual ones, but they do take much of the guesswork and difficulty out of correct brushing.

Manual toothbrush

When it comes to a manual toothbrush, choose whatever is most comfortable for you. The best toothbrush is one that fits your mouth and allows you to reach all teeth easily.



2. The first three words in the main heading 'Dental health kit essentials' must be in italics. NOTE: Do not remove any existing formatting. (1)
3. The first paragraph (it begins 'There are just a few basics...') must be centred and the font size must be increased by '1'. (2)
The font colour of this first paragraph should be 'orange'. Insert these tags in the webpage where indicated by a comment and then delete the comment. (2)
4. Add HTML code to display the image **CartoonTooth.jpg** (available in your learner folder) as follows: (2)
 - The image must be aligned right, as shown in the example. (2)
 - The height of the image must be 220 and the width 200. (2)
 - The text 'Tooth' should display if the picture cannot be displayed. (2)
5. Find the text 'Mouth wash'. This must be a level 4 heading to match the others. (2)
6. Fix the tags regarding the text 'You can purchase the following at our store' so that all the text is an 'h3' heading. (1)
7. Change the list below this heading so that it displays as a bulleted list (with circle bullets) instead of an alphabetical list. (2)
8. Insert tags in the last line ('For more details...') so that there is a link to the e-mail address info@dentistsonline.co.za. It must display as follows: (3)

For more details, contact [Dentists on line](#).

Save and close the webpage and HTML editor files.

[22]

Sample HTML tasks continued

Grade 12: You need to complete a webpage about chocolate. Open **Task 22 (Chocolate facts)** in a web browser and in an HTML editor. Save the file as **22 Chocolate**.

Your final webpage should look like the example on the next page. Use this example to help you with this task.

1. Format the text 'Interesting Facts about Chocolate' so that it is formatted in a 'heading 1' style in a red font colour. (2)
2. Add a horizontal line with a 90% width below the heading 'Interesting Facts about Chocolate'. (2)
3. Insert the image **Chocolate background.jpg** as a background for the entire body of the webpage. The tag used to insert an image as a background is `<body background="name of file">`. (2)
4. Go to the second paragraph ('More than 60%...farmers and their families.'). Add the following items below this paragraph (see example) in a list with square bullets. Insert a line break between and after the two list items. (3)
 - In Mayan times, the cocoa bean was used as currency.
 - White chocolate isn't *real* chocolate.
5. Add tags in the second bulleted item so that 'real' is displayed in italics. (1)
6. The **Chocolate blocks.jpg** image has been inserted below the bulleted list. Edit the image as follows:
 - Set the height to 150 and the width to 300. (1)
 - Set the border to 3. (1)
7. The webpage includes a table consisting of three rows and four columns. Modify the table as follows:
 - Set the cell spacing of the table to 10. (1)
 - Set the background colour of the table to 'brown'. (1)
 - Centre the text 'Dark Chocolate' in the first row, as shown in the example. No other cells should appear in the first row. (2)
 - Change the font style of the text 'Dark Chocolate' to bold, and the colour to white. (2)

Dark Chocolate			
Per	Kilojoules	Fat	Caffeine
100 g	2285	31 g	43 mg

Sample HTML tasks continued

8. The web designer has created a link on the 'Wikipedia' text to link to the webpage 'https://en.wikipedia.org/wiki/Chocolate' but it is not working properly. Modify the HTML code so that the website can be opened when the user clicks on the word 'Wikipedia' in the web browser. (2)

Save and close the **22 Chocolate** file. [20]

This is an example of what your webpage should look like:

Interesting Facts about Chocolate

Chocolate is the most popular confection around the world. Chocolate most commonly comes in dark, milk, and white varieties, with cocoa solids contributing to the brown colour. According to research, the use of chocolate began more than 2500 years ago in Central America. The Mayan civilization believed that cacao was a divine gift from god, and so, it was highly esteemed. It was used for ceremonial purposes, and its beans were often used as currency. Literally translated from the Mayan language, the word Cacao means "god food", and after the product entered Europe in the 16th century, changed the basis of its name to "Theobroma cacao" meaning "food for the gods". The name for chocolate comes from the Aztec word "xocolatl", which means "bitter water".

More than 66% of cocoa of the whole world is grown in Africa. Fair trade cocoa is an agricultural product harvested from the cacao tree using a certified process which is followed by cocoa farmers, buyers, and chocolate manufacturers, and is designed to create sustainable incomes for farmers and their families.

- In Mayan times, the cocoa bean was used as currency.
- White chocolate isn't *real* chocolate.



Chocolate acts as a mild anti-depressant, since it emits serotonin and endorphins in the brain. Chocolate contains a small amount of caffeine producing an effect of mild amphetamine. It is assumed that chocolate works as an aphrodisiac, although this statement is not scientifically proven. This theory is based on the fact that chocolate contains such stimulants as caffeine and theobromine.

Cacao butter is a by-product, which is received from the roasted cacao beans, and in addition to its use in the production of chocolate, it is also part of some cosmetic products, including massage oils and skin-care products. It is one of the most stable, highly concentrated natural fats.

Dark Chocolate			
Per	Kilojoules	Fat	Caffeine
100 g	2285	31 g	43 mg

More information from: [Wikipedia](https://en.wikipedia.org/wiki/Chocolate)