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**Daily Notes - Activity 1 - Inbuilt JavaScript Functions**

 The window object  
The window object represents a window in a browser. An object of window is created automatically by the browser. Window is the object of the browser, it's not an object of JavaScript. JavaScripts objects are strings, arrays, date, etc.  
  
The window object has the following methods:  
alert() - Displays the alert box containing message with ok button.  
  
confirm() - Displays the confirm dialog box containing message with ok and cancel button.  
  
prompt() - Displays a dialog box to get input from the user  
  
open() - Opens a new window.  
  
close() - Closes the current window.  
  
setTimeout() - Perform action after specified time like calling function, evaluating expressions, etc.

**Daily Notes - Activity 2 - Methods of the Document Object**

 You can access and change the contents of the document by its methods.  
  
The important methods of the document object are as follows:  
write(“string”) - Writes the given string on the document.  
  
writeln(“string”) - Writes the given string on the document with newline character at the end.  
  
getElementById() - Returns the element having the given id value.  
  
getElementsByName() - Returns all the elements having the given name value  
  
getElementsByTagName() - Returns all the elements having the given tag name  
  
getElementsByClassNamer() - Returns all the elements having the given class name.

**Daily Notes - Activity 3 - Javascript Reflections**

 I. What is a <div> tag and how is it implemented? use a functional example to explain your answer.  
• The <div> tag is used as a container for HTML elements which is then styled with CSS or manipulated with JavaScript.  
  
II. How is JavaScript used to manipulate the content that is within a particular <div> tag? Respond to the question using an example.  
• var btn = document.querySelector('button');  
btn.onclick=foo;  
  
III. Explain the following code document.form.text1.value  
• Document is the root element, text1 is the attribute name of input text and value is the property, that returns the value of the input text  
  
IV. Write code to validate an email. Comment the code out. Please note that responses will be checked for plagiarism. If you are not sure or if in doubt ask your mentor for assistance.  
• For email validation we use a regular expression /^[a-zA-Z0-9.!#$%&'\*+/=?^\_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)\*$/.

**Daily Notes - Activity 4 - Implementing the Mzamomtsha Primary School form**

 We have implemented the navigation changes to our website and we have already included the implementation of <div> tags. Lastly, we have included validation on all the necessary pages.

**My Views on the Day**

 1. Learning about the built in JavaScript functions and methods.  
  
2. Activity 1, 2, 3 & 4  
  
3. None  
  
4. None

**Daily Notes - Day 4 Reflections**

 1. Learning about the built in JavaScript functions and methods.  
  
2. Activity 1, 2, 3 & 4  
  
3. None  
  
4. None