**Subject**: Web Development **Lesson**: HTML & HyperLinks

**Class**: Grade 10 & 11 **Time**: 2 Sessions (100 minutes)

**Date**: 2/11/2017 **Teachers**: M. Al-Musawi, R.Damaj & R.Khalil

**Purpose of the Lesson:**

The main purpose of this lesson is to teach students how to put a link to other web-sites and how to connect two or more pages together.

**Objectives**:

After completing this lesson, you will be able to:

1. Understand what <a> tag means.
2. Understand the meaning and purpose of <a> attribute href.
3. Learn how to put a hyper-link to other web-sites.
4. Learn how to connect two or more pages locally.
5. Learn how to change the formatting of text using HTML formatting tags.

**Terms:**

Hypelink and URL.

**Session:**

1. Review the basic concepts of HTML.

<https://www.w3schools.com/html/html_intro.asp>

1. Define what URL means.

URL is an acronym that stands for **Uniform Resource Locator** and is a reference (an address) to a resource on the Internet.

1. Define a HyperLink and how to use an <a> tag.

<https://www.w3schools.com/html/html_links.asp>

1. How to put a hyper-link to other web-sites in your own web-site.

* Open a web browser (ex: Google Chrome).
* Go to the desired web-site.
* Copy the URL of the web-site.
* Put the copied URL as following:

<a href="past URL here">Desired Text</a>

1. How to connect two or more pages together locally.
   * Create two or more html pages in the same directory.
   * Use <a> to link the pages together.

<a href=" name of the page with the extension">Desired Text</a>

1. Define the following tags and their uses:

* b
* u
* del
* ins
* mark

<https://www.w3schools.com/html/html_formatting.asp>

**Exercise:**

Create three html pages index, home and about.

In the index page put a header that define the name of the page, then put two hyperlinks that connect the index to the rest of the pages.

In home and about pages use a hyperlink to take you back to the index page and a paragraph that describe the page.

**Extra Challenges:**

1. Give each page a header.
2. Change the size and the style of the text in the hyperlink using html tags.