Lesson 1: What is the Internet?

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| **Name:** | **................................................................................................................** | **Class:** | **.............** |

## Extension Activity: CURL

Retrieve the HTML from a web page using the command line application curl. You can find out more about curl from the following website: <https://curl.se/>

1. Open **Command Prompt** on Windows or **Terminal** on Mac

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| **PC/Windows** | **Mac** |
| Windows Key > Search **cmd** > Enter | CMD + Spacebar > Search **terminal** > Enter |

1. Type the following: **curl** [**https://csinschools.com**](https://csinschools.com)

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| **PC/Windows** | **Mac** |
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**You should see the HTML of the CS in Schools home page**

1. Type the following: **curl** [**http://csinschools.com**](http://csinschools.com). Notice the protocol is now **HTTP**. This time the HTML returned should indicate that the website has been permanently moved. This is what the code 301 represents. The site has been moved to the **HTTPS** version for security reasons. This is why if you type in <http://csinschools.com> in your browser it will be redirected to <https://csinschools.com>.
2. If you type **curl -v** [**http://csinschools.com**](https://csinschools.com) you will be provided with more information including the location to redirect to.
3. If you type **curl -v** [**https://csinschools.com**](https://csinschools.com) (using **HTTPS**) you can see the individual steps taken to encrypt the web page, in addition to the HTML.