

## ICT PRACTICAL WORKSHEET - STD VIII

<b>Worksheet No</b>	<b>5.1</b>
Name of Chapter	Internet: A Boundless Realm of Knowledge
Name of Activity	Effective Internet Search and Usage Rights
Software Used	Web Browser (Firefox/Chrome)
Time	40 Minutes

### Order of Events

Opening the Web Browser	Click on the Show Applications icon. Open a web browser (Firefox or Chrome).
Basic Search Practice	In the search bar, type <b>MOO Deng</b> and press Enter. Observe the types of results (Images, News, Videos).
Advanced Search Technique 1	Search for " <b>water cycle process</b> " (with quotes). Note how the results differ from a search without quotes.
Advanced Search Technique 2	Search for <b>Climate change AND renewable energy NOT fossil fuels</b> . Observe how the keywords <b>AND</b> and <b>NOT</b> filter the results.
Exploring Usage Rights	Go to <b>Google Images</b> . Search for <b>Mount Etna eruption</b> . Click <b>Tools → Usage Rights</b> . Select <b>Creative Commons licenses</b> .
Comparing Search Engines	Open a new tab and go to <b>bing.com</b> . Search for <b>how astronauts stuck in space station</b> . Compare the results with those from Google.
Finding Specific Information	Use advanced search to find: <b>Nobel Prize in Physics 2023</b> . Then find: <b>Nobel Prize in Chemistry 2023</b> .
Identifying Restricted Info	In your notebook, list 3 examples of General Information and 3 examples of Restricted Information related to Finance.
Saving the Work	Bookmark the most useful webpage you found during this activity.
Finishing	Close the web browser.

## ICT PRACTICAL WORKSHEET - STD VIII

<b>Worksheet No</b>	<b>5.2</b>
Name of Chapter	Internet: A Boundless Realm of Knowledge
Name of Activity	Understanding Web Evolution and Assistive Technologies
Software Used	Web Browser & Text Editor
Time	40 Minutes

### Order of Events

Research on Web Evolution	Use your browser to research the characteristics of Web 1.0, Web 2.0, Web 3.0, and Web 4.0.
Creating a Comparison Table	Open a Text Editor (LibreOffice Writer). Create a table with 4 columns. List the key features of each Web generation.
Research on Mobile Networks	Search for "evolution of mobile network generations". Find the key feature of each generation (1G to 5G).
Adding to the Document	Add a section to your document titled "Mobile Technology Generations" and list your findings.
Exploring Assistive Tools	Search for "Stephen Hawking communication device". Write a short paragraph about the technology that helped him.
Listing Screen Readers	Search and list three screen reader software names and the platforms they are used on (e.g., Windows, Mac).
Exploring Virtual Assistants	List four popular virtual assistants (e.g., Siri, Alexa) and write one common task for each.
Saving the Document	Save the document as <code>web_evolution_report.odt</code> in your folder.

Research on Web Evolution	Use your browser to research the characteristics of Web 1.0, Web 2.0, Web 3.0, and Web 4.0.
Finishing	Close all applications.

## ICT PRACTICAL WORKSHEET - STD VIII

<b>Worksheet No</b>	<b>5.3</b>
Name of Chapter	Internet: A Boundless Realm of Knowledge
Name of Activity	Digital Citizenship and Safe Internet Practices
Software Used	Web Browser & Text Editor
Time	40 Minutes

### Order of Events

Researching Cyber News	Use your browser to find one recent news article for each of these categories: - A new IT invention - An incident of online financial fraud - A case of fake news spreading online
Creating a News Summary	Open a new Text Document. Summarize each news article in 2-3 lines. Give each summary a title.
Understanding Licenses	Create a section in your document titled "Intellectual Property". Define the following in your own words: - Copyright - Copyleft - Creative Commons - Fair Use
Icon Identification	In your document, create a table. Identify the common internet-related icons for: - The '@' symbol - The '#' symbol - A hyperlink (chain link icon) - A cloud computing icon
Listing Safety Rules	List 5 essential rules for safe internet usage.
Creating an Awareness Slogan	Create a short slogan (one line) to promote safe internet usage among students.

Researching Cyber News	Use your browser to find one recent news article for each of these categories: <ul style="list-style-type: none"><li>- A new IT invention</li><li>- An incident of online financial fraud</li><li>- A case of fake news spreading online</li></ul>
Finalizing the Document	Save the document as <code>digital_citizenship.odt</code> .
Preparing for Presentation	Be ready to present one of your findings from this worksheet to the class.
Finishing	Close all applications.