**SES4U Earth and Space Sciences**

**Unit 1 | Astronomy**

**Assignment 1.1 | Astronomy Project**

**Description:**

To investigate an aspect of space that interests YOU.

**The Task:**

In approximately 300 words, you are to explain the topic of your choice.

You must incorporate research, and include a references section at the end.

Use at least 3 good sources, identified in a Sources section at the bottom of your page.

You must include the title of the source, the date of publication and a working link.

Please use the following format for your references:

Last name of author. Date. Title of article. Working link.

If 300 words is too much for you to tackle right now, you can choose 2 separate topics and write 150

words about each. Include separate sources for this option.

You may choose from the topics listed below:

• Contributions of an astronomer (historical or modern day)

• Black Holes

• Aboriginal perspectives on astronomy

• Telescopes

• Travel in space

• The science of space suits

• How particle accelerators are used for astronomical research

• Quasars

• Dark matter/ dark energy

• Mars rover

• What effect does space travel have on the human body?

• Canadian technology used in space

• Current Canadian involvement in astronomical research

• Terraforming

• Satellites, Probes and Rovers

• Future plans for space exploration

• International Space Station

• Rockets and Space shuttles

• Asteroid mining

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chosen Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Evaluation Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Level 1**(50-59%) | **Level 2**(60-69%) | **Level 3**(70-79%) | **Level 4**(80-100%) |
| **Knowledge**Understand how to conduct CSR audit (included all of the steps required for audit)  /20 | Coverage of topic,topic isinappropriate toassignment, notbased onresearch-basedinformation,unclear anddifficult tounderstandNo attempt toinclude a relevantphoto | Topic in adequatelycovered, topic isappropriate toassignment, notbased on researchbasedinformationclear andunderstandableOnly one photo isincluded, eventhough there are 2topics discussed. | Good coverage oftopic, topic isappropriate toassignment, basisin sound,research-basedinformation, clearandunderstandableOne relevant,photo per topic isincluded. | In-depth coverageof topic, topic isappropriate toassignment, strongbasis in sound,research-basedinformation,outstanding clarityAt least onerelevant, visuallypleasing photo pertopic is included. |
| **Communication** /10 | More than fourmisspellingsand/orgrammaticalerrors. Text iscopy & pasted. | Four misspellingsand/or grammaticalerrors. Little attemptto put text in ownwords. | Three or fewermisspellingsand/orgrammaticalerrors. Clearattempt to put textin own words. | No misspellings orgrammatical errors.Text is in student’sown words. |
| **Sources Cited**/10 | No sources arecited. | 1-2 sources aresited in theappropriate slide.Sources may not beacademic orreputableOr source title;publish date andworking link are notincluded. | 3 sources areincluded insources section.Sources areacademic andreputable.Source title;publish date andworking linkincluded. | More than 3 sourcesare included insources section.Sources areacademic andreputable.Source title; publishdate and workinglink included. |

Total Mark:

Comments: