

Sir Isaac Newton - Contributions to Science

Summary

Students will use Internet resources to construct a pamphlet that shows Sir Isaac Newton's contributions to science.

Time Frame

2 class periods of 60 minutes each

Group Size

Individual

Life Skills

Thinking & Reasoning, Communication

Materials

Computer Lab Paper Colored Pencils

Background for Teachers

How to use search engines. Basic Information about Sir Isaac. Newton and his contributions to science.

Student Prior Knowledge

How to use Internet search engines. How to save and print information from Web sites.

Intended Learning Outcomes

Each student will create a pamphlet that shows at least three of Sir Isaac Newton's contributions to science.

Instructional Procedures

Day One: Ask students what they know about Isaac Newton. Mention that Newton has made many accomplishments to the world of math and science. Computer Lab Activity: Search and locate at least five Web sites about Isaac Newton. From those Web sites extract information that shows Newton's contributions in three areas of science. Find at least one virtual field trip that takes you on a tour about Isaac Newton's life and contributions. Gather information from that field trip. Make sure to keep a record of the Web sites for a "reference" section on the back of the pamphlet. Day Two Organize and compile the information into at least three scientific categories. Organize the information into a three-fold pamphlet. Refer to the Isaac Newton Rubric at www.uen.org for the organization criteria. Day Three Present the pamphlet to the teacher.

Strategies for Diverse Learners

Accelerated Learner: Acquire information from the Internet about Sir Isaac Newton's contributions to science. Assist other learner's in their quest for information.

Extensions

Complete a two page report on Newton's contributions to science.

Assessment Plan

Presentation of the pamphlet to the instructor. The instructor will use the Isaac Newton Rubric to evaluate the pamphlet.

Rubrics

[Sir Isaac Newton - Contribution to Science](#)

Bibliography

<http://www.uen.org> <http://scienceworld.wolfram.com/biography/Newton.html>

Authors

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