

October Sky

Summary

Students will complete a book report on October Sky that is developed with a mind map, written book report, and PowerPoint presentation demonstrating their knowledge and understanding of the major concepts and themes of the book.

Time Frame

5 class periods of 90 minutes each

Group Size

Small Groups

Life Skills

Communication, Employability

Materials

Internet Access, PowerPoint software, October sky books for students, Materials for building a model rocket, Paper, writing utensils, TV/VCR, Copy of October Sky video, Inspiration Software

Background for Teachers

Created for cross-curricular work with Science, English, Social Studies, and Computer Literacy teachers. There are some web sites for teachers to refer to, look at the web sites link below.

Student Prior Knowledge

Students need to be able to have some basic computer and typing skills.

Intended Learning Outcomes

Students will be able demonstrate: Understanding of rocketry, be able to describe and communicate to others how rocketry works, the time period it occurred in, the impact it had on the technology age, and create a presentation of their understanding.

Instructional Procedures

Begin with asking students what they know about rocketry and "October Sky". After Brainstorming list Learning outcomes on the board. Rooms are set up into 5 Learning Stations: Whole Group, Technology Station, Exploration Station I and II, Text Station. Before beginning the stations, supply students with some base information and how they will progress through the learning stations. Students then work within their learning groups to complete each of the learning station objectives to complete the lesson objectives. Students are evaluated on projects completed at the compilation activities.

Strategies for Diverse Learners

The lesson plan incorporates various instructional strategies that encompasses educational philosophy for a variety of learners through the use of learning stations.

Extensions

Science, Social Studies & English

Assessment Plan

Students will be assessed on their writing and content in their book report for October Sky.

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