

Activity Title: Job Scavenger Hunt

Subject (Focus/Topic): NOAA Jobs

Grade Level: 6-8th grade

Average Learning Time: 2 hour sessions

Lesson Summary (Overview/Purpose):

Students will use my blog to find the many different jobs of people on board the Pisces. Students will then pick a job and research it using the internet.

Overall Concept (Big Idea/Essential Question):

Students will understand that there are many different jobs within NOAA and become an expert on one of the jobs.

Specific Concepts (Key Concepts):

There are many different types of jobs on one NOAA vessel.

Focus Questions (Specific Questions):

What types of jobs do you find on a NOAA vessel?

What kind of education would you need to do those jobs?

What does the job you chose involve?

Objectives/Learning Goals:

Students will find identify at least 10 jobs.

Students will research and become and “expert” on one of the jobs they found.

Common Misconceptions/Preconceptions: students tend to think that only men work on NOAA vessels and are the only ones who are scientists. This lesson helps them see that anyone can do any job they wish.

Materials: Students will need to bring two headed pieces of paper. Computers and access to the internet.

Technical Requirements: Computers, Internet Access

Teacher Preparation:

Having the websites available and easily accessible make the lesson go more smoothly.

Keywords: Technicians, Crew, NOAA Core, Scientists

Pre-assessment Strategy/Anticipatory Set (Optional):

Have students log on to www.misswarrenatsea.blogspot.com . Before class have NOAA TAS scrapbook available for students to peruse.

Lesson Procedure:

Step 1: Have students head two pieces of paper.

Step 2: Explain to students they will be identify at least 10 separate jobs by reading through the blog. When they have found 10 jobs, they are to do a search for the

qualifications of the job and learn more about it. They will become an expert on that particular job.

Step 3: Have students brainstorm where they could look up information about NOAA jobs. (Answer NOAA websites)

Step 4: Have all students log onto the computers and access www.misswarrenatsea.blogspot.com .

Step 5: Monitor and assist students with hunt.

Step 6: Assign research as homework with presentations the next day.

Step 7: Have students present to the class.

Step 8: Have students journal about the different jobs and one they think might be interesting.

Step 9: Submit Hunt and Research

Assessment and Evaluation: Students present the job they researched to the class and submit job hunt and research.

Standards:

National Science Education Standard(s) Addressed:

NS.5-8.5 SCIENCE AND TECHNOLOGY

Understandings about science and technology

NS.5-8.6 PERSONAL AND SOCIAL PERSPECTIVES

Risks and benefits

Science and technology in society

Ocean Literacy Principles Addressed:

7. The Ocean and People are Inexplicably Connected

State Science Standard(s) Addressed:

6-8 APPE Scientists and engineers often work together to *generate creative solutions* to problems and decide which ones are most promising.

Other National or State Standards Addressed

Technology EALR:

1. INTEGRATION: Students use technology within all content areas to collaborate, communicate, generate innovative ideas, investigate and solve problems.

Additional Resources:

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