

**Activity Title:** Careers in the National Atmospheric and Oceanic Administration (NOAA)

**Subject (Focus/Topic):** Science opens doors

**Grade Level:** Seventh and eighth grade

**Average Learning Time:** 30 minutes

**Lesson Summary (Overview/Purpose):** Students will research available careers in NOAA, choose one, and present on it.

**Overall Concept (Big Idea/Essential Question):** How do I use science?

**Specific Concepts (Key Concepts):**

There are many careers available to you.

There are many science-related careers available to you.

Science will open doors for you throughout your life.

**Focus Questions (Specific Questions):**

What kind of work do you want to do?

Where do you want to live?

What do you need to do to qualify for your chosen career?

What science-related careers might you like to pursue?

**Objectives/Learning Goals**

I can

- Navigate a website in order to find relevant information.
- Give examples of science-related careers that interest me.
- Explain why certain careers appeal to me.
- Explain the qualifications for at least one science-related career.

**Materials:** Internet and worksheet (attached)

**Technical Requirements:** Internet

**Keywords:** Career, qualification

**Pre-assessment Strategy/Anticipatory Set (Optional):**

- What kinds of people go into science careers?
- What does a person do with a degree in science?
- Do people like you use science?

If possible, speakers who use science in their careers or video clips of people using science in their careers provide great anticipatory sets.

**Lesson Procedure:**

- Students go to <http://www.careers.noaa.gov/index.html>.
- Students navigate the website, filling out the worksheet.
- Students present to the class or small groups.

**Assessment and Evaluation:**

Any student who spends time navigating and reading the website and learns about an interesting career has met the learning objectives.

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Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## NOAA Careers

1. Read the information under “NOAA Careers Home” and “Career Fields.” List some interesting opportunities you might have if you worked for NOAA.

- \* \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_

2. Choose “NOAA Vacancies.” Select a state or region where you would like to live. Read through the available jobs. If nothing looks interesting, go back and try another region. Once you find a job that looks interesting, open the link.

- a. State or region: \_\_\_\_\_
- b. Name of the career: \_\_\_\_\_
- c. Salary range: \_\_\_\_\_
- d. Job summary (You should further summarize the information given in the website. Choose key words and phrases that you think are most important, and use bullet form.)
  
- e. Duties (choose those that are most interesting to you)

f. Educational qualifications (if applicable)

g. Other qualifications

h. What makes this career appealing to you?