



Studying Whales in the Wild **Career Exploration – Marine Biologist**

Read the story “Studying Whales in the Wild” and answer the questions in the space provided.

Knowledge

1. a) How many days during the study period (15 days) were Minke whales observed?
- b) Which other species were observed more frequently than Minke whales?
(Support with data.)

Application

2. a) What are the attributes needed to study whales in the wild?
 - b) What knowledge and training/skills would a researcher need to study whales in the wild?
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3. What are the challenges (difficulties) one faces when attempting to study whales in the wild?



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Career Education – Curriculum Connections

K to Gr.3

- Communities include many different roles requiring many different skills. (Big Idea)
- Learning is a lifelong enterprise. (Big Idea)
- Recognize the basic skills required in a variety of jobs in the community. (Curr. Competency)
- Jobs in the local community. (Content)

Gr.6 to Gr.7

- New experiences, both within and outside of school, expand our career skill set and options. (Big Idea)
- Explore volunteer opportunities and other new experiences outside school, and recognize their value in career development. (Curricular Competency [CC])
- Volunteer opportunities and environmental stewardship. (Content)

Career Life Education (Secondary-level)

- Identify career-life challenges and opportunities, then generate and apply strategies. (CC)
- Develop preliminary profiles and flexible plans for career-life learning journeys. (CC)
- Attributes and skills, such as employability skills, essential skills, leadership and collaboration Skills. (Content)
- Value of volunteerism for self and community. (Content)
- Career-life development research. (Content)

Science – Curriculum Connections

Gr.3 to Gr.4

- Living things are diverse, can be grouped, and interact in their ecosystems. (Big Idea)
- All living things sense and respond to their environment. (Big Idea)
- Identify questions about familiar objects and events that can be investigated scientifically. (CC)
- Use tables, simple bar graphs, or other formats to represent data and show simple patterns and trends. (CC)
- Demonstrate an understanding and appreciation of evidence. (CC)

Life Sciences 11

- Organisms are grouped based on common characteristics. (Big Idea)
- Seek and analyze patterns, trends, and connections in data, including describing relationships between variables and identifying inconsistencies. (CC)
- Describe specific ways to improve investigation methods and the quality of their data. (CC)
- Connect scientific explorations to careers in science. (CC)