

Subject
language arts

Summary
Life aboard a sailboat is exciting and adventurous. It also comes with plenty of jobs and responsibilities. Imagine you are a crew member aboard Amanzi – what jobs would you sign up for?

Overall Expectations.
Students will examine the jobs sailors need to do when operating their sailboat for a short trip. As a group, students will work cooperatively to decide who will do what jobs

Specific Expectations
Students will organize a job roster for a 3 – 4 day period for the crew.

Students will understand and explain the importance of knowing the areas of a boat and jobs necessary to make it safe and sea-worthy.

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A Sailor's job is never done

BACKGROUND

Life aboard a sailboat is very exciting. Sailboats can travel to places that you just can't get to by car or even walking. So, you get to see many remote places. In order to take any kind of trip, you must know that your sailboat is safe and sea-worthy.

How do you know your sailboat is sea-worthy and safe? You must know as much about your sailboat as possible keep everything in good working order. So, of course, there are endless jobs to be done by the crew all the time. And it's also essential that each crew member know how to do all the different jobs because if 1 crew member becomes sick and can't do their work, another crew member can help out. So, the jobs rotate. Let's find out what are some of the jobs on board Amanzi, everyday.

Challenge: You are a crew member onboard Amanzi, what jobs will you do with the Captain?

ACTIVITIES

1. Below is the table – Nautical Jobs. With a partner or in small groups, read through the table of Nautical jobs and the duties for each, together. Check to make sure everyone understands each job. The jobs are not listed in any particular order – for example, most important to least important.
2. After discussing each job, decide on who will do the different jobs. You may find it helpful to group some jobs together. (It can be as simple as drawing jobs or names out of a hat). Group members may need to justify their choices to each other if a job is a popular choice. For example, someone allergic to cats will likely not take care of them.
3. With your 2 or 3 - person crew, make up a 3- or 4- day roster (schedule) of who is doing what job. Remember, each job must be done daily. For example, if the 1st mate checks the engine on the first day of the trip, then the 2nd mate might check the engine on the 2nd day.
4. Make a brief presentation of your job roster to your classmates. As part of the presentation, crew members can explain why they wish to do specific jobs.

Nautical Jobs

Job	Description
Weather	Gather weather from different sources – email, Single SideBand (SSB) radio, VHF radio. Record all the weather information in the weather notebook. Continue to monitor the weather throughout the voyage, in case there needs to be a change in your destination.
Route Planning	Based on the weather report, choose a destination for the day. Take out maps and calculate the distance and time it will take to get there. Make note of anything dangerous that could damage the boat (e.g. rocks, reefs, or shallow water).
Plotting your course	While sailing, watch your instruments (Global Positioning System or GPS) to find out your location – latitude and longitude. Mark this information on your map or chartbook, as you sail, so you know where you are every hour. You now have a reference on the computer as well as on paper. If anything happens to the computer, you have a back-up.
Engine	Check the oil in the engine and top up the oil if needed.
Computer	Select the navigation program you'll need for the day. The navigation program shows you the chart or map that you will use to navigate the water.
Billybob and Buddy	Feed the cats, give them fresh water, clean out cat litter and sweep the floor.
Belongings	Stow away any belongings that will slide around the boat while underway.
Anchor	At the bow, pull up the anchor and ensure that the anchor is secure and the chain is stowed.
Ropes	Gather up any ropes (lines) not being used while sailing and stow them in the lazarette (locker in the cockpit). Untie the lines that are used with the front sails (called a Genoa or Jib) and feed them through the pulleys and blocks. (One end is tied to the sails and the other end comes back to the cockpit for you to pull on). Bring the other end of the line back to the cockpit and wrap it around the winch.
Sails	Remove the sailcover (10 kg) of the main sail, fold it and stow it below. Undo sail ties (keeps the

	sail from flopping about when it's not up) and stow them in the cockpit (2-person job)
Morning wash-up	Boil enough water so all crew have enough warm water for washing.
Meal	Prepare a meal for the crew before getting started. The meal needs to be ready before the crew start their jobs.
Food Preparation	Prepare one meal for the crew – eating underway. Include a variety of nutritious snacks and something to drink during the day, to prevent dehydration. Boil water and fill up a large thermos for hot drinks or soup later on.
Dishes	Tidy up any dirty dishes and stow safely in cupboards
Instruments	Turn on depth sounder, navigation instrument - GPS and VHF radio.
Inspection	Go through the cabin of the boat and check to make sure all windows, doors and drawers are all closed and securely tightened. Go up to the deck and inspect all equipment ensuring everything is securely tied down and nothing is loose on deck.
Camera	Ensure that camera batteries are fully charged and the camera is in an accessible place.
Batteries	Inspect the boat batteries (crawl into small space), ensuring that all 4 batteries have the correct amount of water. Top up the batteries with water, if needed.
Dinghy and Engine	Lift the small engine off the dinghy and secure it to its mount on the back of the sailboat. Hoist the dinghy onto the deck of the sailboat and securely fasten it (2-person job).
Helmsman	Start the engine and take your position on the helm (steering wheel).

5. It looks like you're ready to go. Have a safe trip! Remember, when you arrive at your destination, often times there are more jobs that need to be done -such as refueling, filling up the water tanks, getting rid of the garbage and ensuring that Billybob doesn't jump off the boat. But that's for another day... Now that you know some of the jobs, reflect on whether you'd truly like living aboard a sailboat. Even though it's a small space, it seems a sailor's job is never done.

There are some sailors who choose to sail by themselves. We call them solo or single-handed sailors. In March 1965, 16 year old Robin Lee Graham told his parents hi wanted to sail his own boat to the South Pacific Islands. Imagine, just 16 years old and single-handing. You can learn more about Robin in his autobiography titled, *Dove* by Robin Lee Graham with Derek L.T. Gill. Or call Sari or Dorothy at The Nautical Mind Bookstore in Toronto (www.nauticalmind.com) to enquire about this book.