

Subject
language arts

Provisions: Stow it all below

Summary

Students organize a list of provisions into any number of categories and come up with realistic groupings for stowing items on a sailboat.

Overall

Expectations

Students will examine a list of food and household items and decide on how to organize the items into 8 sections.

Specific

Expectations

Students will understand and explain the importance of keeping a record of food and household items on a sailboat.

Students will create their own list of provisions for a period of time.

Author

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BACKGROUND

Whenever you plan on doing a long trip or you go camping, where you have to prepare your own food, you need to make a shopping list of all the food you'll need. Well, traveling on Amanzi is like that. David and Kim need to buy all the things they will need for extended periods of time, because sometimes they won't be near land. This is called provisioning.

Before leaving the United States for the Bahamas, which is made up of a chain of small islands or Cays, Kim provisioned the boat with a wide range of items she thought they would need. Not only can things be very expensive in the Bahamas because communities are remote, but some items are just impossible to get. So, Kim bought things she knew they would need. Check out Amanzi's provisioning list.

Challenge: You are one of the crew on board Amanzi. One of your jobs before setting sail is to organize all the items on the provision list. As part of that job, you have to plan where you'll store them down below in the lockers?

Activity

1. With a partner, read over and go through the provision list. Notice the quantities of items and make note of things to eat and things to use elsewhere on the boat. Talk about how to organize all the items on the list. All the items have been listed in alphabetical order, but that's not the most practical way to organize them on the boat.
2. Once you've worked out a method to organize the items, follow the format of the table below to show where to stow the provisions. The table represents the 8 lockers where items can be stowed on board Amanzi. For example, in the Galley locker, only items used where food is prepared and cleaned (the Galley) will be stowed there and items used in the bathroom (or Head) will be stowed in the Head locker. Justify your answers.

Port Aft	Port Middle	Port Forward	Starboard Aft	Starboard Middle	Starboard Aft	Galley Locker	Head Locker

Why do you think it's important to have a diagram of where items are stowed? Remember, there's limited space on Amanzi.

Activity

3. Water will be picked up when Amanzi refuels. Access to fresh vegetables and fruit is limited in the island and there is a very small refrigerator on the boat (a little bigger than your knapsack). What do you notice about the food items to make up for this? What types of foods are not on the list?
4. Like water, stove fuel is scarce in the Islands, so Kim has purchased about 10 L of stove fuel. That should last about 2 months. Amanzi is also equipped with a BBQ that uses propane (which is different fuel from the stove). Cooking time will also be limited when preparing meals. Using Amanzi's provision list, plan a menu for one day (3 meals) that could be prepared, if you were a crew member onboard Amanzi. Keep in mind to limit the amount of fuel and water you use.
5. Compare the food items on Amanzi's list with food you would have at home. Think of your favourite meals or meals you prepare at home. Make up your own provision list for 1 week – that includes a minimum of 2 meals a day for 7 days (don't forget to brush your teeth). Multiply the quantities on your list by 12 (weeks). This will come close to your provision list for 3-months. You'll be surprised how much you can eat in 3 months.

Amanzi's Provision List for 3 months

Item	Quantity	Item	Quantity	Item	Quantity
Apricots, dried	4 kg	Almonds	3 kg	Beans, dried	8 kg
Beans, green	10	Beans, baked	10	Beans, fava	6
Bisquick	2 kg	Beans, kidney	6	Bug Spray	2
Butter, 454 g	2	Bleach, 2 L	1	Bread Mix	2
Bread crumbs	1	Cat Food, 2 kg	4	Cat Litter, 5 kg	2
Carrots	4	Cereal, box	3	Cereal, Muesli	4 kg
Cheese	4 kg	Chips, Pringles	5	Chili	2
Cocoa, can	1	Coffee, can	3	Clothes pegs, pkg	1
Coffee creamer	1 L	Coffee, beans	4	Crackers, box	6
Cookies	6	Club Soda, 1 L	10	Eggs, dozen	2
Deodorant	4	Corn, can	10	Fruit, can	4
Jam, bottles	5	Flour	2 kg	Fruit, dried	2 kg
Juice, lg box	10	Juice, lg can	4	Ketchup	2
Macaroni & Ch	4	Juice, sm box	60	Meat, can chicken	8
Meat, can beef	2	Mayonaise	3	Milk, can	8
Milk, 1L box	6	Milk, powder	10 L	Napkins, pack	1
Oil, sunflower	2 L	Mustard	2	Oatmeal, instant	1 kg
Paper towel, roll	2	Oil, olive	4 L	Olives, Green	1
Pesto, frozen	2 L	Onions, bag	3 kg	Oysters, can	5
Peas, can	5	Pancake syrup	1	Paper plates, pkg	2
Rice	5 kg	Peanuts	2 kg	Raisins	3 kg
Salami, 1 kg	5	Pine nuts	3 kg	Pasta, pkg	12
Salt	1 kg	Razors	12	Peanut butter	3
Shrimp, can	10	Spices	1 kg	Potatoes	3 kg
Shampoo	4	Scrubbies	6	Salmon, can	6
Soap, hand	12	Soap, dish	4	Soap, laundry	3
Soup, noodle	10	Sponge, floor	3	Soup, broth	10
Sugar, brown	1 kg	Soup, red pepper	10	Spinach, can	10
Tomato, can	15	Toilet tissue	8	Toothpaste	6
Tortilas, pkg	5	Tuna, can	12	Tomato, sun-dr	3 kg
Trash bags, box	1	Trail Mix	2 kg	Vinegar, 2 L	1
Ziplocks, Sandwich	2	Ziplocks, suitcase-size storage bags	3	Ziplocks Freeezer	1