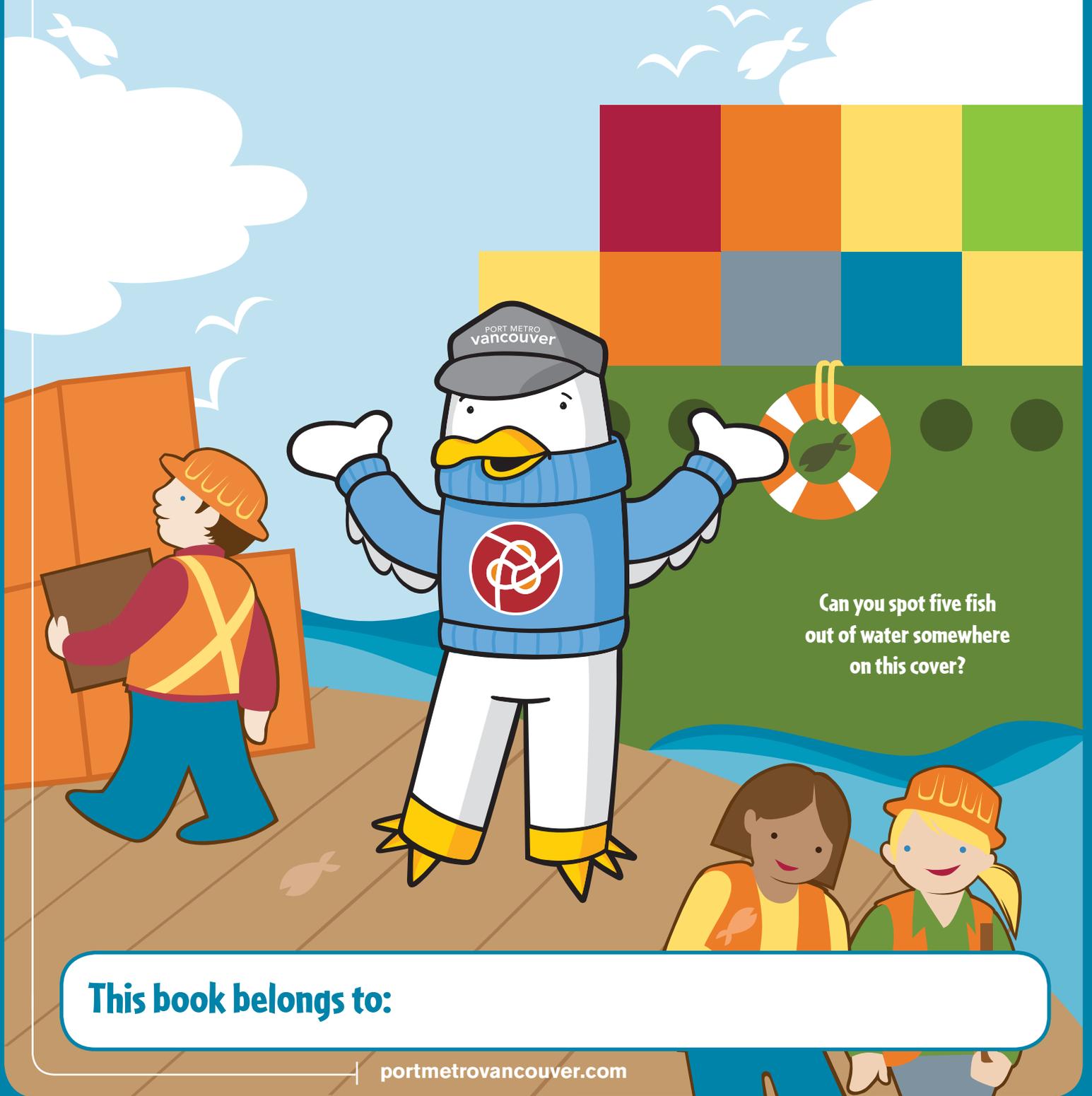




PORT METRO  
vancouver

# Shipside with Salty!

Fun for buoys and gulls!



Can you spot five fish  
out of water somewhere  
on this cover?

This book belongs to:

# What is a port, and what does it do?

When you go grocery shopping, do you ever wonder how fruits like bananas, pineapples, and mangos get all the way from the warm climates where they grow, to your local supermarket?

These fruits and other items like toys, electronics, and cars, all come to Port Metro Vancouver from other countries by travelling on ships from one port to another.

These items and anything else that is shipped is called "**cargo**." Any cargo that comes into Canada is called an "**import**," and anything that we send to another country is called an "**export**." Imports include electronics, fruit, furniture, and clothes and exports include logs, pulp, coal, grain, sulphur and potash. Cargo comes in all shapes and sizes and in order to transport these items, different types of ships are needed. At Port Metro Vancouver, there are five different categories of shipping: containers, breakbulk, bulk, automobiles and cruise.

Cargo which needs to be protected is loaded into large, rectangular metal boxes called "containers," which then get loaded onto **container** ships. **Breakbulk** vessels ship items that won't fit in containers, such as lumber, pulp, and steel – anything that can be lifted on to a ship. **Bulk** cargo ships carry items that can be poured into a hold, like coal, grain, sulphur, and potash. RoRos are ships that carry cargo with wheels, like **automobiles**. The name RoRo comes from the type of cargo they carry, because it rolls on and then rolls off the ship. And **cruise** ships transport people to different parts of the world, like Alaska!

Port Metro Vancouver is the largest port in all of Canada, with more than 160 different trading partners. Overall we generate 129,500 jobs across Canada and handle more than 114 million tonnes of cargo every year. That is the same weight as 28.5 million elephants! So as you can see, Port Metro Vancouver is a very busy place, and very important to our community and to Canada.



# There's so much going on around Port Metro Vancouver!

The Port is a hub of activity. There are cruise ships, parks, trains, tugboats and people enjoying the outdoors! From Burrard Inlet to Roberts Bank to the Main and North Arms of the Fraser River, the Port borders on 16 Lower Mainland communities. You will always find something going on at the Port. Take a look at the scene of the Inlet below – can you find all the things on the list?

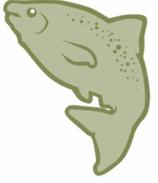
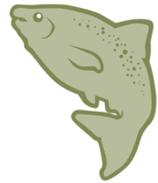
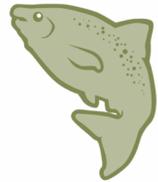
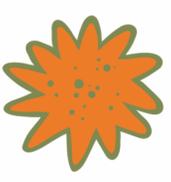
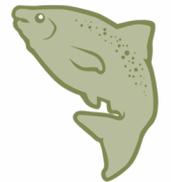
- Port Metro Vancouver's Discovery Centre at the north end of Canada Place
- Port Metro Vancouver's community tent
- Two crabby crabs
- A kayaker
- A container
- Lion's Gate Bridge
- Sulphur piles
- A crane
- Three Orca whales
- An octopus in Cates Park
- Second Narrows Bridge
- Coal piles
- Pulp for export
- Two harbour patrol boats
- A seal
- A cruise ship
- A heron



## Sea Life Sums!

In this grid each animal represents a number: 1, 2, 3, or 4. When all the numbers in a row or column are added together, they equal the totals at the side and bottom. Can you figure out what number each object represents, and write it down in the answer boxes below?

Did you know there are more than 70 species of fish living in the Port's waters? The Port builds places for these fish, and other underwater creatures like sea stars and octopus, to live.

				<b>7</b>
				<b>13</b>
				<b>6</b>
				<b>10</b>
<b>5</b>	<b>12</b>	<b>11</b>	<b>8</b>	

Answers: Fish = 1, Octopus = 2, Heron = 2, Sea star = 3

Can you spot 4 differences between these two cruise ships?



Port Metro Vancouver is homeport to the Vancouver-Alaska cruise, one of the world's most popular cruises. The Port welcomes 850,000 passengers each year.

## How many new words can you make from the letters that spell... ENVIRONMENT

Did you know Port Metro Vancouver is the first port in Canada and third in the world to implement shore power at Canada Place? This is an effective way to reduce air emissions by enabling cruise ships to shut down their engines and connect to electrical power while docked.

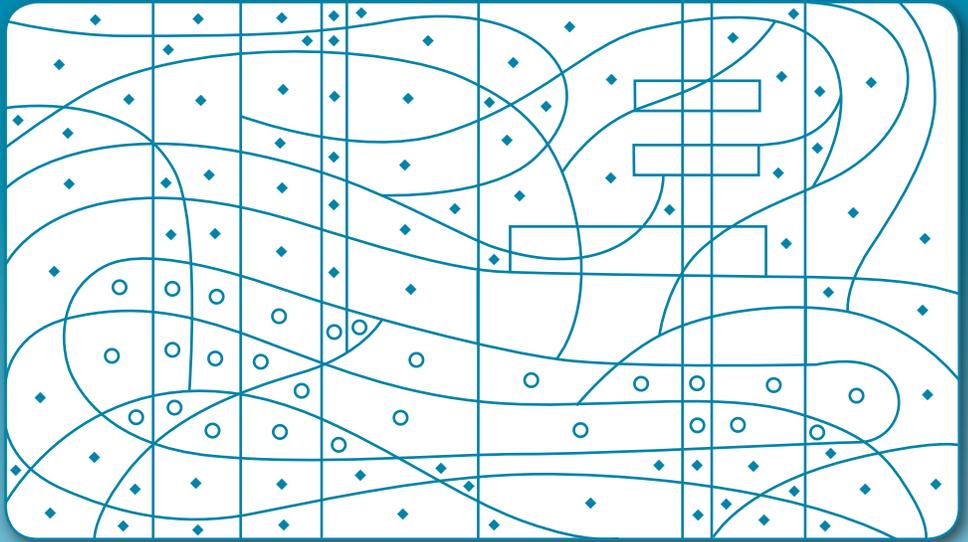
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Protecting marine habitat, air quality and Port lands is an important part of Port Metro Vancouver's environmental programs.

# What is it?

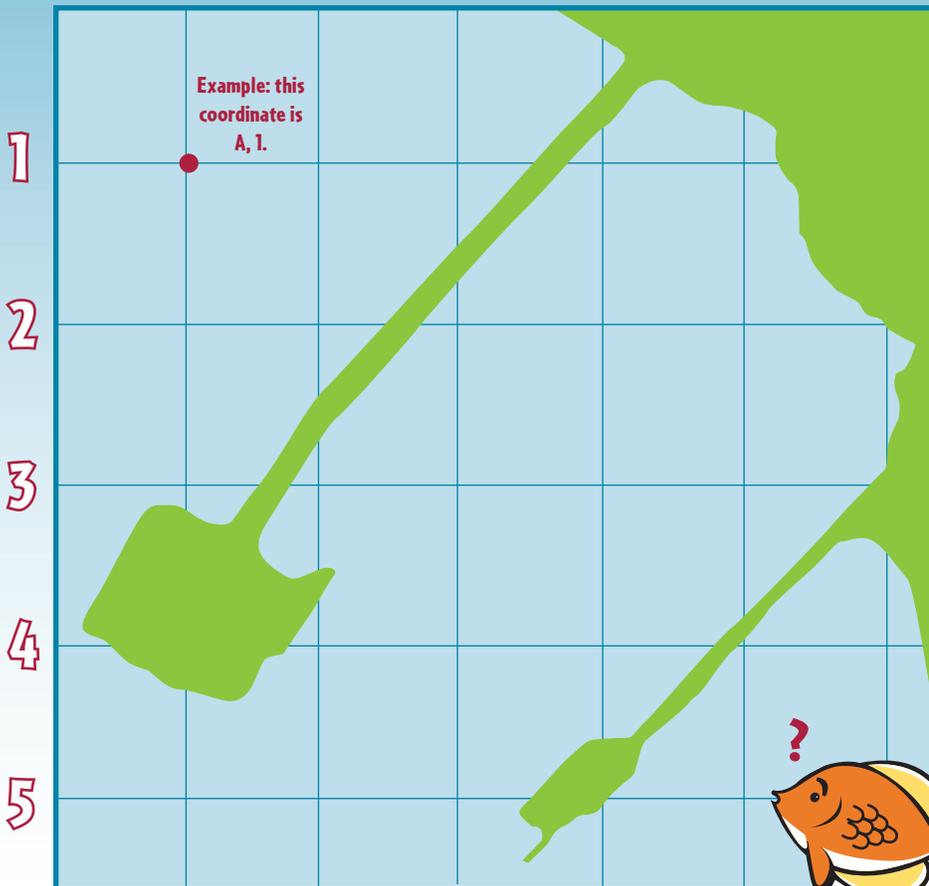
Can you figure out what this is a picture of? Colour in all the shapes marked "○" with your red crayon, and all the shapes marked "◆" with your blue crayon to find out the answer.

Here's a hint: These small but powerful boats are one of the most helpful vessels at the Port. They tow barges carrying tonnes of cargo and guide deep-sea ships, 500 times their size, into berth.



Answers: It's a tugboat!

**A B C D E F**



## Coordinate Clues!

Salty's fish friend is lost! Using this map of Roberts Bank, Salty wants to help him find his way back home. You can help too! Using the coordinates listed below, mark off the four points on the map, then use a ruler or something with a straight edge to draw a line from 1 to 4, and 2 to 3. The point where the lines cross is where the fish's house is. Circle that place, and hold this page up to the light. If you can see a star in the space you circled, you found it!

Did you know Deltaport at Roberts Bank is the Port's largest container terminal? You can see the terminal when you take the ferry from Tsawwassen.

**1 = C, 1**

**2 = B, 4**

**3 = F, 2**

**4 = E, 4**



# Rope Riddles!

Which pieces of rope would tie a knot if both ends of the piece were pulled? See if you can figure it out!

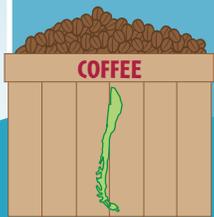


One of the most well known knots used by mariners is the crown knot. It is a strong knot for managing multi strands of line. Did you know that the crown knot is used in the Port's logo?

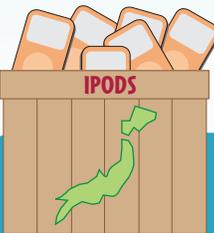
Answers: Pieces 1, 2, and 5 will tie the knots.



You found the fish's home!



H  L



A



E

## Where in the world?

Food, electronics, cars, and all sorts of other cargo is imported through Port Metro Vancouver from countries all over the world. Each crate here has a picture on the outside of the country it was shipped from. Can you match the shape on the crate to the shape of the country, and then write the name of that country in the blank spaces?

Did you know that the Port exports many products all over the world too? Many people use sulphur for fertilizer, tools for building, and they eat salmon, maple syrup and french fries, which are all items that are exported out of the Port.

Answers: 1. Chile, 2. Japan, 3. Mexico.

# Tricky Trivia

How much do you know about Port Metro Vancouver? Test your knowledge with this mini quiz!

1. TRUE or FALSE: Port Metro Vancouver borders 16 Lower Mainland communities. TRUE / FALSE
2. TRUE or FALSE: Port Metro Vancouver is the first port in Canada to implement shore power at Canada Place. TRUE / FALSE
3. TRUE or FALSE: The Port's Discovery Centre is located at the north end of Canada Place. TRUE / FALSE
4. TRUE or FALSE: Tugboats are small, so they are much less powerful than larger ships. TRUE / FALSE
5. TRUE or FALSE: Port Metro Vancouver is Canada's largest port. TRUE / FALSE
6. \_\_\_\_\_ is a seagull who works at the Port, and loves to meet kids and give hugs.  
 A. Soapy      B. Salty      C. Sugary      D. Sweety
7. What kind of garden is underwater at Cates Park in North Vancouver?  
 A. Tropical garden      B. Octopus garden      C. Dinosaur garden      D. Sculpture garden
8. Which of these is NOT one of the five ways of shipping at Port Metro Vancouver?  
 1. Bulk    2. Breakbulk    3. Automobile    4. Plane    5. Cruise    6. Container
9. How many pairs of shoes can fit in a 20 foot container?  
 A. 240      B. 2400      C. 12,400      D. 124,000
10. Lots of people work at the Port everyday. How many jobs does the Port generate across Canada?  
 A. More than 1500      B. More than 10,000      C. More than 100,000      D. More than 125,000
11. How many tonnes of cargo gets shipped through the Port every year?  
 A. 65 million tonnes      B. 114 million tonnes      C. 172 million tonnes      D. 10 zillion tonnes

Answers: 1. True, 2. True, 3. True, 4. False, 5. True, 6. B, 7. B, 8. 4, 9. C, 10. D, 11. B.

**What does Salty "C"?** Salty is looking through his binoculars. How many things can you spot that Salty sees that begin with the letter "C"? Write them down here!

---



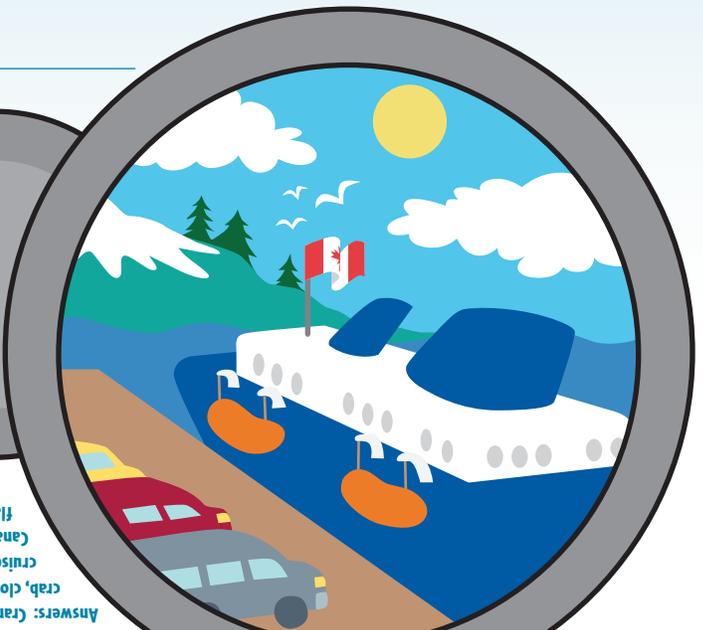
---



---



---



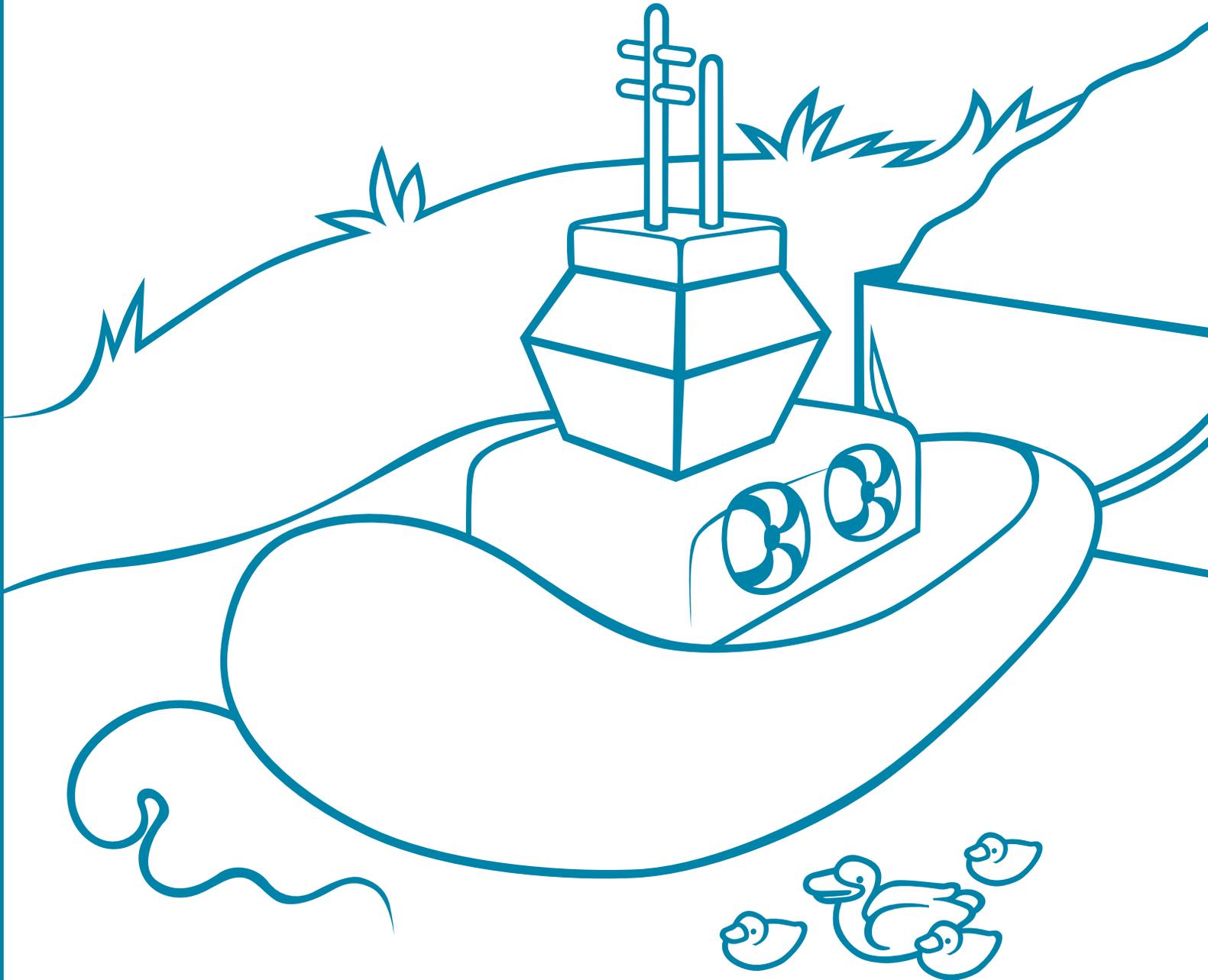
Answers: Crane, clouds, cars, cruise ship, Canadian flag

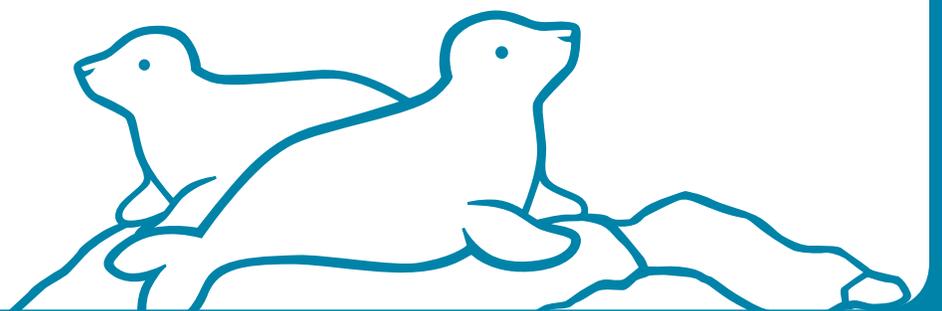
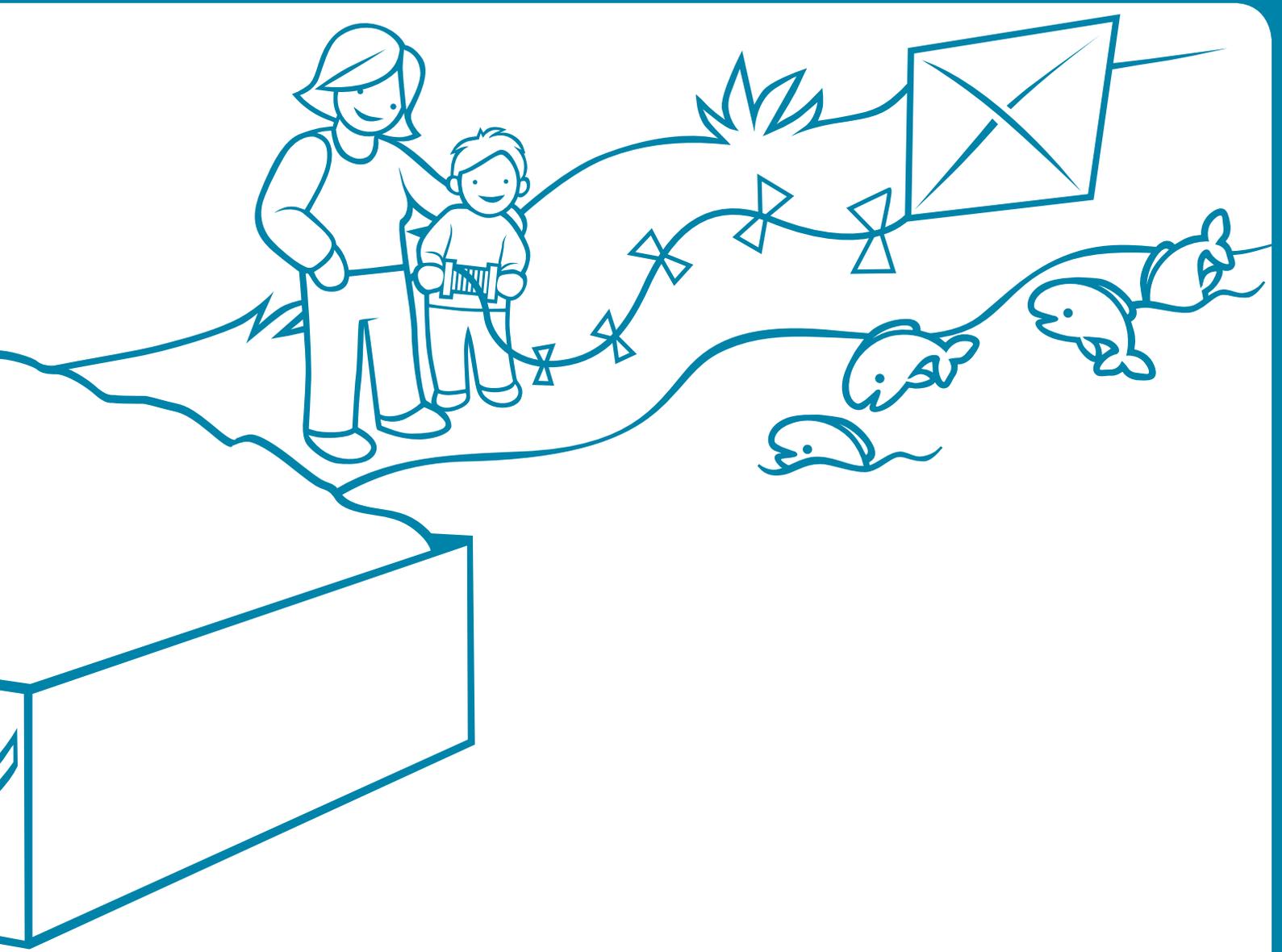
# Colour Me!

The Port is a busy place. Port Metro Vancouver has more than 600 km of shoreline so there is always something going on, especially on the Fraser River. Most of the Port's domestic trade, or trade with other parts of Canada, happens on the lower Fraser River. You can see tugboats pulling containers, boom boats pushing logs, and barges loading up with woodchips. Port Metro Vancouver's two auto terminals are also located on the river.

The Fraser River is home to many plants and animals, both underwater and on land. The Fraser is also one of the greatest salmon rivers in the world!

Look at the busy, working river! Can you colour it in and draw some more people and wildlife enjoying the river?



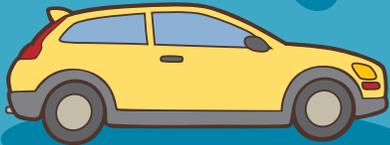




## Spot the matching pair!

Did you know that every car made in Asia and brought to Canada comes through Port Metro Vancouver? Here are a few new cars that just arrived on a RoRo. Can you spot which two are exactly identical?

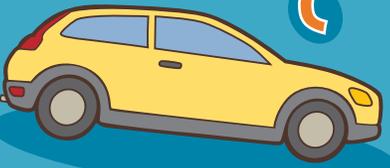
A



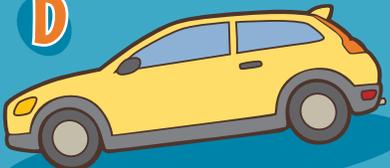
B



C



D



E

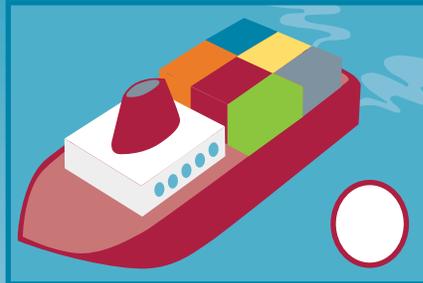


Answer: B and E are the matching pair.

A: To the...

Four empty rounded rectangular boxes for writing the answer.

**Put-in-order!** These pictures show how an orange gets from the farm, where it's grown, all the way to your grocery store, but they're all mixed up! Can you put them in the correct order by numbering them from 1 to 6?



Answer: (Left to right, top to bottom) 1, 5, 3, 6, 2, 4.

Find out the answer to the riddle below by crossing out all the letters that spell "ship" and "train" and then unscrambling the left over letters.

**Q: Where does a ship go when it's sick?**



Answer: To the dock!



**Hey kids...**

**If you want to learn more, you can book a fun, interactive Port presentation by contacting us at 604.665.9179 or [community.relations@portmetrovancover.com](mailto:community.relations@portmetrovancover.com)**

**Our Discovery Centre is located at the north end of Canada Place and is open for visitors from 9am – 4pm, weekdays. Hope to see you again!**

**Here's one more challenge: how many seagulls can you find on this page?**

Answer: 8...don't forget to count me!



Printed on 60lb Harbor 40  
100% recycled post consumer fibre

**kidzsmart** ©2011