🐋 Orca unit notes (A1-A7) · ANSWER KEY

Biology A · Unit 1 Orcas & the Salish Sea · Level 2 guided notes. Use with the class slides.

Name: _____

Fill in each blank with a word from the word bank in that box. Each word is used one time.

A. The Southern Residents (A1, A2)

1. The three Southern Resident pods are J, K, and **L**.
2. Southern Residents eat mostly Chinook **salmon**.
3. A mother and her young are a **matriline**.
4. Circle the 3 main threats to the SRKW:

lack of food · **toxins (PCBs)** · **boat noise** · cold water

Word bank: **L** · **matriline** · **salmon**

B. Food web and biomagnification (A3, A4, A5)

5. Phytoplankton are **producers**. They make food from sunlight.
6. Arrows in a food web show the flow of **energy**.
7. PCBs are fat-**soluble**, so they are stored in blubber.
8. Number the food chain (1-4):

2 zooplankton
4 Chinook salmon
1 phytoplankton
3 herring

Word bank: **energy** · **producers** · **soluble**

C. Ocean noise and solutions (A6, A7)

9. Orcas find prey with **echolocation**.
10. Boat **noise** makes it harder to hear echoes.
11. Match the problem to a solution:

(Key: lack of salmon → restore rivers and remove dams · boat noise → ships slow down · PCBs → keep toxins out of storm drains)

lack of salmon	keep toxins out of storm drains
boat noise	ships slow down
PCBs	restore rivers and remove dams

Word bank: **echolocation** · **noise**

Level 2 version of the gen ed “A1-A7 Orca activities and A1.9 Orca Unit Review.”
🔑 Key written by our team from Ms. Dunham's materials, please check.