

Deschutes River Hydropower Activities & Games



Find the words in the blue box below hidden within these letters. Words may be vertical, horizontal or diagonal, and may even be backwards.

Q R E X J H S Z W X R V J M Y R J Y H J S D
W H C G U X O N A F U L M P O B Y F Y R Z T
C K Z K P T V W U Y I S W U S S J F D S Q C
R E G Y C C B Y X D F S N G E E K T R U W V
G O L D E N E A G L E D H T Z S O G O T F U
N Y E T E S E D A M B K U P G C N X P S K J
M W G R F C S B R U B H O N A I Q A O U S D
Y G O L O I B V T I C Z I O H S T J W T O N
Q O C K N U W T K S O R H S R R S W E M C A
L L A M O O E J E Q P V I P I C M A R I K B
O E T V I I G D M S V F R B D G C U G S E D
S U O J T I K P M E S T E E L H E A D E Y E
P E R I C F N R J I T S C D S U O C C K E R
R G M R U V A A N U F O Y M Y E H T L O M S
E V B P D W T U O R T L L U B I R Q C O N U
Y Z A X O Q P V W W U W Z I N V H P K D Y B
E Q E L R A H V P V D Q E O U Z H H B V I W
R O S W T Z R O I E B P O O A S C G O P C E
A M P M N M F H P O L K Y I Y N I M T N F H
G N C A I G S E I L V T B K H C C U R S L P
F M C D E V Z D M T E W O Q P G B Y I I H F
X P P V R O J D S A L M O N C P Y Q C C B U

BIOLOGY
BULL TROUT
CHINOOK
CROOKED
DAM
DESCHUTES
FISHING

FISH PASSAGE
GOLDEN EAGLE
HYDROPOWER
METOLIUS
OSPREY
PELTON
PGE

REDBAND
REINTRODUCTION
RESERVOIR
ROUND BUTTE
SALMON
SIMTUSTUS
SMOLT

SOCKEYE
STEELHEAD
TRIBES
WARM SPRINGS

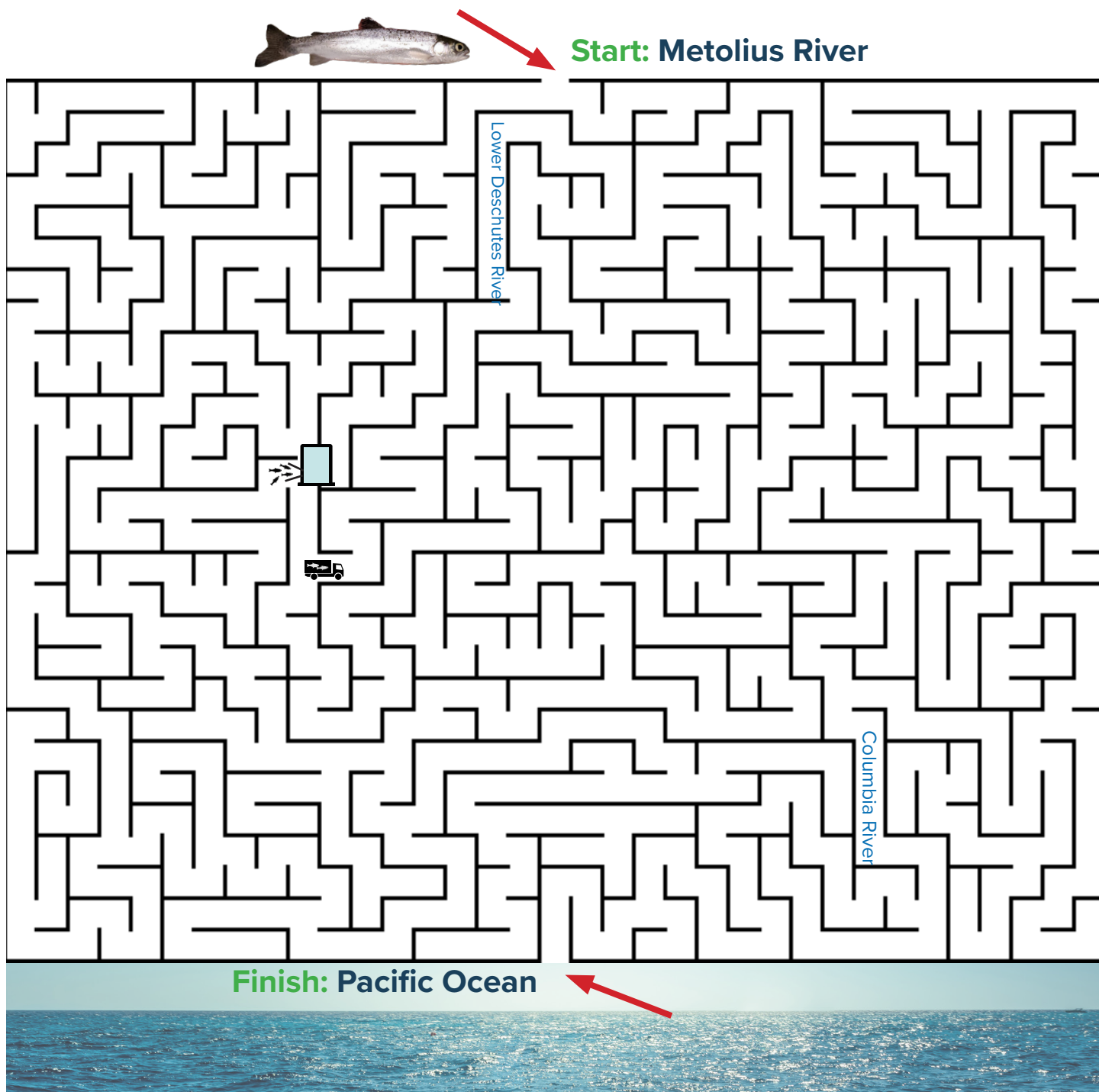
Matching Game

Match the term on the left to the definition on the right. To learn more about these terms and PGE's environmental work in the Deschutes Basin, visit: portlandgeneral.com/HealthyDeschutes.

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| 1. BIOLOGY | _____ | a. A barrier that holds back water. |
| 2. BULL TROUT | _____ | b. A raptor species native to Oregon. Can be recognized by its brown body and large wings. |
| 3. CHINOOK | _____ | c. Oregon's oldest and largest electric company. |
| 4. DAM | _____ | d. The phase in a salmon's life when it starts migrating from freshwater to the ocean. |
| 5. DESCHUTES | _____ | e. The study of living organisms, including plants and animals. |
| 6. FISH PASSAGE | _____ | f. Systems created to help fish migrate to and from the ocean, such as fish ladders. |
| 7. GOLDEN EAGLE | _____ | g. Electricity created using the power of water. |
| 8. HYDROPOWER | _____ | h. A salmon species that turns bright red with a greenish head during spawning season. |
| 9. OSPREY | _____ | i. The process of returning a species to an area where it once lived. |
| 10. PORTLAND
GENERAL ELECTRIC | _____ | j. A fish species native to Oregon that prefers cold water. A predator that likes to eat other small fish. It lives in Lake Billy Chinook. |
| 11. REINTRODUCTION | _____ | k. A trout species that acts like a salmon – it migrates to and from the ocean. |
| 12. SMOLT | _____ | l. One of Oregon's great rivers. It flows from south to north and passes through Bend, Madras, Maupin, and The Dalles. |
| 13. SOCKEYE | _____ | m. The largest native salmon species in Oregon. |
| 14. STEELHEAD | _____ | n. A group of three Native American tribes who have lived in Central Oregon for many generations and help protect the Deschutes River and its wildlife. |
| 15. CONFEDERATED TRIBES
OF WARM SPRINGS | _____ | o. A hawk species found throughout Oregon. An excellent diver and fish-catcher. |

Downstream Migration Maze

Sarah the salmon has spent a happy year growing in her freshwater home – the Metolius River – but she’s starting to feel ready for an adventure. Now that she’s a smolt, she wants to begin her journey to the Pacific Ocean. Help her find her way from the Metolius to the fish collection facility in Lake Billy Chinook (called the Selective Water Withdrawal). Here, she will be loaded into a truck, driven around three dams, and released into the Lower Deschutes River. From there, help her swim to the Columbia River and finally out to the ocean.





Which Fish Am I?

How well do you know the fish species that live in the Deschutes River? Match each fish picture on the right to the paragraph that describes it on the left.

1. I look silver when I live in the ocean, but turn red with a green head during spawning season. In the year 2016, 535 of my brothers and sisters returned to the Deschutes Basin from the Pacific Ocean. That was a great year! **Which fish am I?**

Summer Steelhead



2. I am actually the same species as my friend the sockeye, but I like to do things a little differently. Instead of swimming to the ocean, I prefer to stay home in rivers and lakes. I look similar to sockeye – silver, then red during spawning season – but I'm smaller in size. **Which fish am I?**

Bull Trout



3. I am the largest salmon species in the Pacific Northwest. In fact, you might call me the king of the salmon. I have big black spots on my back and on both the top and bottom halves of my tail. I have a dark mouth. In the ocean, I'm mostly silver and purple, but my belly and fins turn reddish during spawning season. I return to the Deschutes in the Spring or Fall. **Which fish am I?**

Sockeye Salmon



4. Steelhead and I are from the same family (we're technically the same species), but I never go to the ocean. I have a rosy red stripe along my side, and you can find me in desert environments like Central Oregon. **Which fish am I?**

Redband Trout



5. I am a special kind of trout that migrates to and from the ocean, like a salmon. When in freshwater, I'm greenish or pinkish with lots of speckles. I turn silver in the ocean. People love trying to catch me when they go fishing. **Which fish am I?**

Kokanee



6. Despite what my name suggests, I'm actually *not* a trout, but a member of the char family. I'm very picky about my water – it must be clean and cold – so there aren't many of us left. We do like Lake Billy Chinook though, and it's one of the few places you're allowed to catch and keep us. I'm a predator. My body is grayish green with small pale spots. **Which fish am I?**

Chinook Salmon



Answers: 1 - Sockeye, 2 - Kokanee, 3 - Chinook, 4 - Redband, 5 - Steelhead, 6 - Bull Trout