

## Ocean Commotion Webisode Descriptive Narrative

*[Jack running across a beach towards the rocks and water and to retrieve a frisbee]*

Maddie: Nice catch, Jack. I thought you said you were good at this.

*[Jack crouches to pick up the frisbee]*

Jack: Maybe if you knew how to throw properly. Hey, Maddie! Come here quick. Look at this. This doesn't look good.

Maddie: What is it? It's a crab. Oh no, it's all tangled up in garbage. We need to get some help.

*[Crab entangled in plastic]*

*[Hinterland Who's Who Intro featuring images Jody, Jack, and Maggie interacting and observing different forms of wildlife, including a starfish]*

*[Ocean Commotion title animation]*

*[Maggie sits on the beach watching the crabs; she waves Jack and Jody over as she hears Jack talking to Jody]*

Jack: Jody, it's over here. It's a crab that's all tangled up in garbage.

*[Jack and Jody crouch down close to the crab]*

Jody: I wish people would clean up after themselves. This is a Dungeness crab and it really needs help.

*[Jody picks up the crab and she and the children take it to the Ucluelet Aquarium]*

Aquarium Worker: Hey, Jody. How are you?

Jody: Hey.

*[Aquarium worker visually examines the crab inside the blue bin Jody has carried it in]*

Aquarium Worker: You must be Jack and Maddie. Ah, that's a big Dungeness crab. I think we can probably help him. I'll take a look at him and we'll get back to you.

Jody: Great.

*[That's Wild Dungeness Crab title animation]*

Jody: A meat-eating predator, the Dungeness crab prefers to hunt at night on the sandy ocean floor amongst aquatic cover like eel grass, and uses its large claws to tear open mussels and clams. This large crab is commonly found on dinner plates, and is considered a sustainable seafood. It's important not only for their health, but for ours as well that we keep the environment they live in toxin-free.

*[Images of a Dungeness crab sunning on a rock, moving through the water and over a starfish; prepared and presented on a dinner plate with greens and lemons]*

*[Jack, Jody, and Maggie standing inside at a table]*

Jody: All right. Put on your gloves and goggles.

Jack: Really, she's not going to make us...

Maddie: Yup. She is.

Jody: Demo time. All right. So this represents the ocean. Pretty clean, right?

Jack: If I were a fish I'd move in.

Jody: Then the wind blows. And you're the wind, and some of our trash makes its way into the water.

*[Maggie dumps various sizes of garbage into the bowl of water in front of Jody]*

Jack: Ewww.

Jody: Yeah. And some of this plastic stuff will still be around 1,000 years from now. And some big pieces can get tangled around animals, like our friend the crab. And some creatures even mistake garbage for food, like sea turtles who think plastic bags are jellyfish, their favourite food. And over time, plastic can break into smaller particles that aquatic creatures might eat by mistake.

*[Jody swirls the water with her finger]*

Maddie: Is there really that much plastic in the ocean?

*[Image of plastic containers filling the province of Saskatchewan, extracted from a map of Canada]*

Jody: There is. The ocean has strong, swirling currents that make whirlpools like this called gyres, and one of these is basically a floating island of plastic in the Pacific Ocean that some observers believe is as the Province of Saskatchewan. And it's getting bigger every day.

Jack: That can't be good.

Jody: No. And some aquatic creatures will even catch a ride on the junk and end up where they don't belong.

Maddie: Still want to live in this ocean, Jack?

Jody: Oh, and we're not done yet. How about all the toxic waste us surface dwellers can't see? This represents sewage.

*[Jody empties a vial of yellow matter and liquid into the bowl along with the garbage]*

Maddie: You mean the stuff we flush down the toilet?

Jody: Yup. And everything we pour down our drains too. Some of that makes its way into the ocean. This: this represents an oil spill.

*[Jody pours oil into the bowl]*

Maddie: Oh no, it sticks to everything.

*[Animated bird covered in oil]*

Jody: Yeah. Even the seabirds that land on the surface of the water get covered in it.

*[Farm equipment moving through the field, spraying the crops]*

*[Jody empties more vials of different coloured liquids into the bowl]*

Jody: This represents the toxic waste that washes into our water sources from farms: pesticides, chemical fertilizers, and even animal poo.

*[Cows grazing in a field near water]*

Maddie: Great. More poo.

Jack: Disgusting. I don't want to be a fish living in this ocean. That's for sure.

Maddie: I wouldn't want to eat a fish from there either.

Jack: I never even thought of that. This is like some crazy ocean commotion video game.

Maddie: It's all about the games, isn't it, Jack?

*[Jack stares off as he begins to daydream]*

*[Jack's head is superimposed on a fish swimming to the surface of the water and his greeted by Maggie and Jody, superimposed as seagulls waiting for him]*

*[Ocean Commotion title animation]*

Maggie Seagull: Hi, Jack.

Jack Fish: What am I doing here?

Jody Seagull: This is the food chain game.

Jack Fish: Wicked. What do I do?

Maddie Seagull: Swim around and eat the zooplankton while avoiding anything that might hurt you.

Jack Fish: Then what?

Jody Seagull: You reach level 2, then level 3, and if you complete level 3 you win.

Jack Fish: Let's do this. Oh no!

*[Video game screen appears showing Level 1: The Shallows. Stats show four stars for Speed, three stars for Health, and one and half stars for Strength]*

*[Jack swims through Level 1, eating zooplankton avoiding missing oil spills, old tires, and plastic garbage; passing crabs and a seal until he successfully completes the level]*

*[Video game screen appears showing Level 2: Kelp Fields. Stats show three stars for Speed, three stars for Health, and three stars for Strength]*

*[Jack swims through Level 2, eating zooplankton and avoiding plastic garbage, bottles and cans; passing a killer whale and navigating through the kelp until he successfully completes the level]*

*[Video game screen appears showing Level 3: Open Ocean. Stats show two stars for Speed, four stars for Health, and four stars for Strength]*

*[Jack swims through Level 3, eating zooplankton narrowing missing oil spills, a boat propeller and debris which depletes his health; passing jelly fish and seals until he eats some garbage and dies]*

*[Jack returns from his daydream as Jody waves her hand before his face]*

Maddie: Jack? Hello?

Jack: It must be hard living in the ocean.

Maddie: What are you talking about?

Jody: I think he needs some fresh air. Let's get out and check out the real ocean.

Jack: I thought you'd never ask.

*[Jack, Maddie, and Jody paddle out in the water in their kayaks]*

Maddie: It seems pretty clean out here.

Jody: Yeah. Some aquatic habitats are in pretty good shape. There are even marine-protected areas off the coast of Canada. They create them to protect the wildlife.

Jack: Hey, look at that way over there, a killer whale.

*[Killer whales breaks the surface]*

*[That's Wild The Killer Whale title animation]*

*[Images of killer whales swimming at the surface, breaking the surface, and diving down in the depths]*

Jody: The killer whale, or orca, can be found in the oceans surrounding Canada. These huge predators weigh as much as a small school bus, and eat an average of 100 kilograms of food each day. When you're at the top of the food chain like the orca and eat an enormous amount of aquatic creatures like fish and squid each day, the effects of pollution are magnified, especially when you live up to 50 years. That's a lot of food over a lifetime. Every time a killer whale eats another creature, it ingests the toxins which that animal is carrying in its body. Eventually, the whale can become ill, not be able to produce young, and possibly even die because of it. These very intelligent and highly social mammals use complex sounds to communicate with their fellow pod members. They also use their voices for echolocation, sending clicking noises out to bounce off of and locate potential prey. Noise made by boats and other human activities can interfere with their ability to hunt. Because of all of these threats, killer whales are considered a species at risk.

*[Underwater image of killer whales]*

*[Image of fishing boats gliding across the water]*

Maddie: That was amazing. I have never seen a killer whale before.

Jack: Yeah. Smart whale picked a nice clean place to hang out in. Ah gross, what the...

*[Bird poop lands on the arm of Jake's arm]*

Maddie: Yeah, Jack, this is a really clean area.

Jody: That was awesome.

Jack: What?

Jody: You know how lucky we are? That was a Cassin's auklet.

Jack: Yeah, lucky.

*[Images of Cassin's auklets floating on the water and nesting in the rocks; flying above the rocks and jumping across the water's surface]*

Jody: No, really. They're usually further off the coast. They spend almost all of their time on the ocean surface and they nest on islands, where they lay one enormous egg in a burrow. When the chick hatches, its mother regurgitates a purple soup for it to eat. Even the way they hunt their prey of zooplankton is cool. They dive under the water sometimes more than 30 metres, flapping their wings like flippers.

Maddie: You know, Cassin's auklets would really be in trouble if there's an oil spill out there.

*[Jody answers her cell phone]*

Jody: Yeah. They would. Hello? Really? That's great. Yeah. We'll be right there.

Maddie: Who was that?

Jody: The Dungeness crab you guys found earlier? He's all right; he's ready for release. Let's head back.

Jack: Okay. Let's go.

*[Jody, Jack and Maggie walk across the beach, Jody carrying the Dungeness crab in a blue bin]*

Jody: All right. Are you ready?

Maddie: I can't wait to let him go.

Jack: Are you two crazy? This place is a mess. We can't let him go until we clean this stuff up.

Jody: Great idea.

Maddie: Let's do it.

*[Fast motion video of Jack, Maggie, and Jody cleaning up the beach]*

*[Jody, Jack, and Maggie stand by the water's edge at sunset as Jody releases the Dungeness crab]*

*[Jack, Maggie, and Jody stand together on the beach]*

Maggie: Seriously, we need to keep our oceans clean for the creatures that live in them and around them.

Jack: So what else can we all do?

Jody: Lots. We can reduce, reuse, and recycle our waste so it doesn't end up in nature.

*[Cleaning a bathroom sink with an environmentally friendly cleaning product]*

Maddie: Use environmentally friendly household cleaning products.

*[Jack, Maddie, and Jody paddle out in the water in their kayaks]*

Jack: Chose to paddle a boat instead of using a motor.

*[Images of weeding a garden using gloved hands and a trowel and shovelling compost into a wheelbarrow]*

Jody: Pull weeds by hand and use natural compost in your garden.

*[Hazardous household waste gathered together in a container]*

Maddie: Get rid of hazardous household waste like batteries, paint, and electronics at a waste disposal centre.

*[Maggie, Jody, and Jack sit together on a beach]*

Jody: There is so much that we can all do.

Maddie: Visit Hinterland Who's Who online to tell us your ideas.

Jack: Yeah. The website has a lot more information about aquatic life too.

Jody: And remember, no matter where you live in Canada, wildlife is close by, so get out and see it.

*[Hinterland Who's WhoTube logo]*