

DISCUSSION PROMPTS

# LESSONS ON INTEGRATING INDIGENOUS KNOWLEDGE INTO SCIENCE CURRICULUM



# WHY IS IT IMPORTANT TO LEARN ABOUT INDIGENOUS CONSERVATION PRACTICES?

\*THEY SHOW US WAYS TO CARE FOR THE ENVIRONMENT THAT HAVE BEEN SUCCESSFUL FOR GENERATIONS.



# WHAT DID YOU FIND INTERESTING ABOUT THE HAIDA GWAIL CONSERVATION PROJECT?

\*THEY WORKED TO BRING BACK A BIRD SPECIES BY  
MANAGING INVASIVE RATS.

# HOW DOES LEARNING ABOUT INDIGENOUS KNOWLEDGE CHANGE HOW YOU SEE THE ENVIRONMENT?

\*WE CAN SEE NATURE AS SOMETHING WE SHOULD  
RESPECT AND LEARN FROM, NOT JUST USE.



# WHAT SURPRISED YOU ABOUT THE CONNECTION BETWEEN COLONIZATION AND BIODIVERSITY LOSS?

\*THAT COLONIZATION INTRODUCED INVASIVE SPECIES  
THAT HARMED NATIVE PLANTS AND ANIMALS.

# WHAT IS CULTURAL BURNING, AND WHY IS IT IMPORTANT?

\*IT'S A WAY OF MANAGING SMALL FIRES TO KEEP FORESTS HEALTHY AND PREVENT BIG WILDFIRES.

# WHY DO YOU THINK INDIGENOUS LEADERSHIP IN CONSERVATION IS SUCCESSFUL?

\*THEY HAVE A DEEP UNDERSTANDING OF THE LAND AND KNOW HOW TO TAKE CARE OF IT SUSTAINABLY.



# WHY IS IT IMPORTANT TO LEARN ABOUT TREATIES WHEN STUDYING SCIENCE?

\*TREATIES EXPLAIN WHO IS RESPONSIBLE FOR PROTECTING LAND AND HOW WE SHOULD SHARE IT.

# WHAT ROLE DO YOU THINK STUDENTS CAN PLAY IN PROTECTING BIODIVERSITY?

\*WE CAN HELP BY RAISING AWARENESS AND SUPPORTING CONSERVATION PROJECTS.

# WHAT IS AN IPCA, AND WHY IS IT IMPORTANT?

\*IT'S AN AREA PROTECTED AND MANAGED BY INDIGENOUS PEOPLE TO PRESERVE NATURE.



# HOW DOES LEARNING ABOUT CONSERVATION INSPIRE YOU TO TAKE ACTION?

\*IT CAN INSPIRE US TO DO THINGS SUCH AS RECYCLE,  
PLANT TREES, OR VOLUNTEER IN OUR COMMUNITIES.