



# ENGAGING SCIENCE • BC K-7 SCIENCE

## Vancouver Aquarium – The Human Body: Nose to Toes

PSS = Processes of Science  
 LS = Life Science

WO = What Organ Is This  
 BD = Body Demos  
 AR = Animal Heart Rates  
 FS = Fun Stuff  
 TS = Tough to Swallow  
 CO = Is It Contagious  
 TT = Trash or Treasure  
 AA = The Air Around Us

LEARNING OUTCOMES		WO	BD	AR	FS	TS	CO	TT	AA
<b>Grade 6</b>									
LS	Demonstrate the appropriate use of tools to examine living things that cannot be seen with the naked eye						•		
LS	Distinguish between life forms as single or multi-celled organisms and belonging to one of five kingdoms: Plantae, Animalia, Monera, Protista, Fungi						•		
<b>Grade 7</b>									
PSS	Create models that help to explain scientific concepts and hypotheses	•	•			•	•		
LS	Assess survival needs and interactions between organisms and the environment						•		
LS	Assess the requirements for sustaining healthy local ecosystems						•	•	•
LS	Evaluate human impacts on local ecosystems						•	•	•

# ENGAGING SCIENCE • BC K–7 MATH

## Vancouver Aquarium – The Human Body: Nose to Toes

NC = Number Concepts  
 NO = Number Operations  
 SS = Shape and Space (3D Objects and 2D Shapes)  
 SP = Statistics and Probability (Data Analysis)  
 SSm = Shape and Space (Measurement)  
 SSt = Shape and Space (Transformations)

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LEARNING OUTCOMES		WO	BD	AR	FS	TS	CO	TT	AA
<b>Grades K–1</b>									
SSm	Classify, describe and arrange objects using comparative language to compare length, size, area, weight and volume		•	•	•				
SSm	Select an appropriate non-standard unit to estimate, measure, record, compare, order objects and containers		•	•	•				
SS	Identify and describe specific two-dimensional shapes such as circles, squares, triangles or rectangles				•				
SSt	Identify and fit pieces of puzzles or shapes that go together (part to whole relationships)	•	•		•	•	•	•	•
SP	Collect first-hand information by counting objects, conducting surveys, measuring and performing simple experiments		•	•	•	•	•		•
<b>Grades 2–3</b>									
SSm	Estimate, measure, record, compare and order objects and containers using non-standard and standard units		•	•	•		•		
SSm	Make connections among manipulatives, diagrams, spoken terms and written symbols	•	•	•	•	•	•	•	•
SP	Use a variety of methods to collect and record data, including measuring devices, printed resources and tallies		•	•	•		•		
SP	Sort and organize data by one or more attributes and by using graphic organizers such as lists and charts		•	•	•				
<b>Grade 4</b>									
SSm	Estimate, measure, record, compare and order objects by length, height, perimeter and circumference using standard units (mm, cm, m, km)		•	•	•				
<b>Grade 5</b>									
SSm	Recognize and explain the meaning of length, width, height, depth, thickness, perimeter and circumference		•	•	•				
SP	Identify a question to generate appropriate data and predict results				•	•	•		
SP	Use a variety of methods to collect and record data		•	•	•				



