Grade 7 Data Management and Probability
Ontario Educational Resources Bank (OERB) Activities

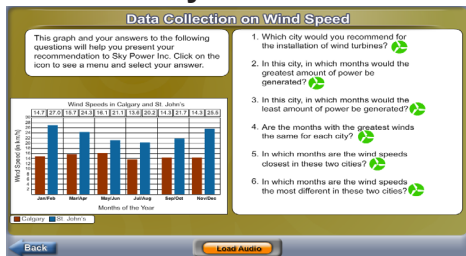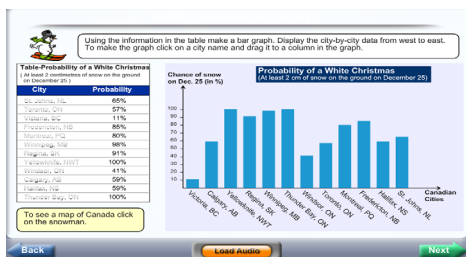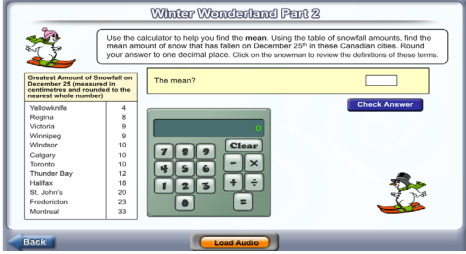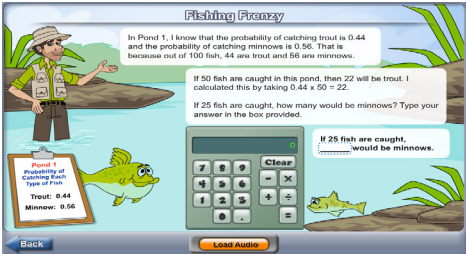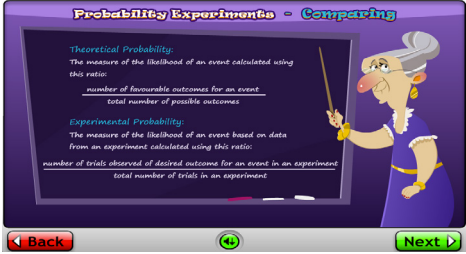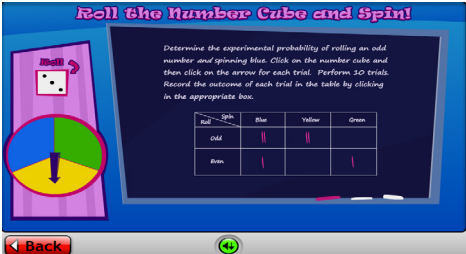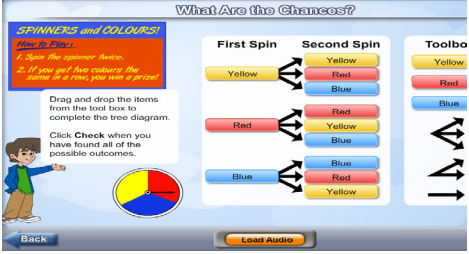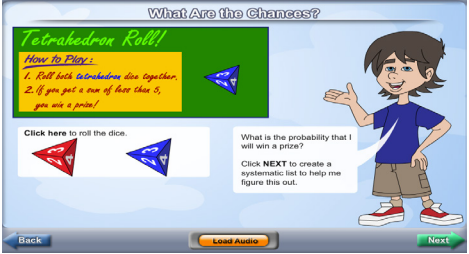| Data Management	
Activity	**Description**
Big and Tall for Basketball **Resource ID: ELO1412090**	Build understanding of the effect of extreme values on mean, median and mode by experimenting with varying a data set, calculating and comparing values and completing a set of multiple choice questions.
Sky Power **Resource ID: ELO1413830**	Build understanding of the relevance of data collection for making important decisions by creating bar graphs and answering questions related to them.
Survey Bias **Resource ID: ELO1412000**	Build understanding of survey bias by following a tutorial and then answering related multiple choice questions.
Winter Wonderland Part 1 **Resource ID: ELO1413660**	Practise interpreting data given in a bar graph by answering questions about the likelihood of an event.

Data Management (Continued)	
Activity	**Description**
Winter Wonderland Part 2 **Resource ID: ELO1413730**	Build understanding of the effect of an outlier by calculating and answering questions related to mean, median and mode.
Probability	
Activity	**Description**
Fishing Frenzy **Resource ID: ELO1411790**	Build understanding of the effect of an outlier by calculating and answering questions related to the mean, median and mode.
Probability Experiments - Comparing **Resource ID: ELO1411850**	Practise reading, interpreting and drawing conclusions by analyzing data presented in double bar graphs.
Representing Outcomes **Resource ID: ELO1411860**	Build understanding of how the repetitions of a probability experiment can affect the conclusions drawn by carrying out a coin toss investigation. Then graph and interpret results compared to a given group.

Grade 7 Data Management and Probability
Ontario Educational Resources Bank (OERB) Activities

Probability (Continued)	
Activity	**Description**
What are the Chances Part 1 **Resource ID: ELO1411830**	Build understanding of the theoretical probability by completing tree diagrams to determine all possible outcomes and then calculating the theoretical probability of an event.
What are the Chances Part 2 **Resource ID: ELO1411840**	Build understanding of theoretical probability by completing systematic lists to determine all possible outcomes and then calculating the theoretical probability of an event.