2007 SUMMATIVE EVALUATION
Science 2D - Performance Task

- The **summative evaluation** for the Grade 10 Science credit makes up **30%** of the total mark, with two components:
  - The **final exam** in June: **20%**
  - The **performance task:** **10%**

WHAT IS A PERFORMANCE TASK?

- A performance task is an activity that gives students an opportunity to demonstrate what they have learned throughout the year in each of the four strands: Biology, Chemistry, Physics and Earth & Space Science.
- The performance task for the 2006 – 2007 school year will be the demonstration by students of various lab skills that they have acquired throughout the year.

WHEN WILL THE PREFORMANCE TASK TAKE PLACE?

- Students will complete the task over a two-day period.
- Students are to make every effort not to be absent these days.
- Scheduled dates for your summative a **WEDNESAY MAY 23** and **FRIDAY MAY 25**

WHAT IS THE FORMAT FOR THE SUMMATIVE?

- On **Wednesday May 23 rd** students will demonstrate skills learned in the **Chemistry and Weather** units.
- On **Friday May 25 th** students will demonstrate skills learned in the **Motion and Ecology** units.

WHAT SKILLS WILL BE TESTED?

Ecology unit (Fri. 25 May)	Chemistry unit (Wed. 23 May)	Motion unit (Fri. 25 May)	Weather unit (Wed. 23 May)
• Read and interpret ecology scenarios to: a) build food webs b) classify organisms c) calculate energy flow	• Use indicators to identify acids and bases from unknown substances • Identify types of reactions by performing experiments • Identify a reaction as endothermic or exothermic	• Use a ticker tape to: a) set up a data table: position / time b) calculate average velocity c) graph velocity vs time • Use a graph to calculate acceleration • Calculate displacement from a velocity – time graph	• Analyze a world map to determine names and direction of prevailing winds and ocean currents • Interpret tables to analyze weather patterns in Canada

EXTRA HELP

- **Students who need to improve any lab skills before the summative are asked to make arrangements with their teacher for extra help.**