Sizzler Activity: Rate Time and Distance

Name_____
Date _____ Period ___ Score ____ / 4

CATEGORY	4	3	2	1
Drawings/Diagrams/ Captions/Details/Data **_____/4**	Exceptional detail:	Clear, accurate, detailed diagrams and captions are included and make the event easier to understand. Diagrams are labeled neatly and accurately. All data is clearly identified. Entry illustrates an accurate and thorough understanding of scientific concepts underlying the lab. The relationship between rate time and distance is clearly identified. • Rate is defined as how fast and object changes position (speed, velocity) rate is expressed as centimeter per second ….cm / sec. • Distance is defined as the amount of movement which occurred within a specified time. Distance is specified in centimeters…cm. • Time is defined as how long it took an object to move a certain distance. Time is expressed in seconds… sec. • The calculations to find rate are shown in the entry: $$Rate = Distance \div Time$$ Example: Speed = 1000 cm ÷ 5 sec Speed = 200 cm / sec • All trials conducted during class are included		