ne_		Date	Hour	
	Science Guided Reading 2-2	Velocity and M	omentum	
1.	What is velocity?			
2.		tion is helpful when	predicting the path of a weather eve	
3.	Why does the velocity of a racecar	change as it drives a	round the track?	
4.	Examine figure 10, why are the velo	amine figure 10, why are the velocities of the people different?		
5. —	Why do we use units of cm/y to des		different tectonic plates?	
6.	Define momentum.			
7.	What is the formula for calculating	momentum? What	units do for momentum?	
	A car and a semi-truck are traveling the greater momentum, why?	down the highway a	at the same velocity, which vehicle I	
9.	Two identical cars are traveling wes		car has a velocity of 50mph, the oth	

. Think	about the following statements, decide whether the statement is describing speed
a.	The world record for the hundred-meter dash is about 10m/s
b.	The wind today is blowing at 30km/hr from the north west
c.	A 200000 kg train was traveling north at 70km/hr when it derailed
d.	Car was issued a ticket for traveling at 140 km/hr
2. Calcul	ate the momentum of a 100kg football player running north at a speed of 4m/s.

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