DESIGNING LEARNING TASKS Name of Curriculum: Motion and

STEP 1: IDENTIFY OPPORTUNITIES IN THE CURRICULUM

Lesson and Page Numbers:

PHI Pulling a Vehicle: Looking @ Force

What is the learning goal?

Students will draw conclusions about the effect of differentles weighted strings on the motion of their String-pulled vehicles.

What data will students either be given or collect to analyze? Juta of the students will collect, the novement of the vehicle Using (Record Sheet 3A.) different Give washers and amounts of washers.

What scientific principle will students use to link their claim and evidence?

understanding that force applied to an sex object changes the motion of that Object. (Netwon's law Motion #1,2)

STED 7.	DESIGN	COMPI	EXITY	OF THE	LEARNING	TASK
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For each of the following characteristics consider how simple or complex you want the learning task to be depending on the needs of your students.

What question will you ask students?

Does the weight of the wooners extent the speed of the vehicle.

What specific data will you either provide students or have students collect?

Data from be cord 6 heet 3A Comparing movement of schidle With I'S of washers.

How much data will you have students analyze?

5 trials.

What variation of the framework do you want students to include in their response? For example - complexity of the evidence, complexity of reasoning and inclusion of rebuttal

Variation 1

STEP 3: CREATE CLASSROOM SUPPORTS

Do you want to include any type of visual representation in your classroom? If yes, describe or sketch the representation.

Generic	OFGANIZE	= That	BREAKS	DOWN	UMPIATION
		CLANM	0		
		EVIDER	NE 8		-
		REASONI	NG 8		

Do you want to provide students with curricular scaffolds? If yes, draft the scaffolds below.

Consider - content specific, generic or combination AND level of detail to include

· MODIFIED VOCABULARY

OSAMPLE VARIATION POSTER

· VIGNALG =

FOR EXAMPLE !

