

SCORING FORMS

STUDENT \_\_\_\_\_ SCORER \_\_\_\_\_ TASK PENDULUM

OPI - OVERALL PERFORMANCE

UNDERSTANDING OF THE TASK -- CHECK ONE OR BOTH:

[ ] STUDENT SUCCESSFULLY RESTATED THE TASK

[ ] STUDENT APPEARED ORIENTED TO THE CORRECT TASK

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TIME WHEN SESSION MOVES FROM NON-DIRECTED TO DIRECTED \_\_\_\_\_

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INITIAL LEVEL OF CONCEPTUALIZATION \_\_\_\_\_

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HIGHEST LEVELS OF CONCEPTUALIZATION REACHED

	NON-	DIRECTED			DIRECTED		
STATED	_____	CONFIRMED	_____	STATED	_____	CONFIRMED	_____

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WHAT FACTORS DO YOU THINK EXPLAIN THE STUDENTS SUCCESS OR FAILURE IN MAKING DISCOVERIES (i.e. in building, proposing, testing, confirming, disconfirming hypotheses). INCLUDE STUDENT CHARACTERISTICS AND ENQUIRY SESSION CONDITIONS:

STUDENT\_\_\_\_\_ SCORER\_\_\_\_\_ TASK PENDULUM

RELATED KNOWLEDGE

#1-Measurement of Time    #2-Measurement of Distance:

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

#3-Ratio - Nominal

#4-Ratio - Functional

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

#5- Proportions - Nominal

#6-Proportions - Functional

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_

TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_    TIME\_\_\_\_\_ PRE\_\_\_\_POST\_\_\_\_\_