<u>EEEP Activity Sheet:</u> Exciting Examples of Everyday Phenomena

Title Here _____

Predictions: What do you think will happen? _____

_____

_____

Observations & Data: What did you observe? _____

_____

_____

_____

Explanation of the EEEP:

1. Explain your idea (the why) in words…Verbal Thinking:

_____

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2. Illustrate your idea…Visual Thinking:

Further Questions:

_____

_____

Team Sign Off:

_____   _____

_____   _____

NAME _____

DATE _____

Section _____

EEEP Activity Sheet: Exciting Examples of Everyday Phenomena

Title Here _____

Predictions: What do you think will happen?

_____

_____

Observations & Data:

What did you do? What happened? What did you observe? (Procedure, Equipment Set-up, Data Collection and Data Table Development, Data Collection over Specific Time Intervals)

Explanation of the EEEP:

3. Explain your idea (the why) in words…Verbal Thinking:

Connect your Predictions to what actually happened here. Explain what happened. Use SPECIFIC DATA EXAMPLES to back up your statements. For Example: In the Conduction Lab you may have stated that Container A decreased the most…The temperature decreased from 175 ^{0}F to 145 ^{0}F for a NET temperature drop of 30 ^{0}F.

4. Illustrate your idea…Visual Thinking:

Diagram and Completely Label the equipment set-up along with arrows showing motion, importance, etc.

NAME _____

DATE _____

Section _____

Exciting Examples of Everyday Phenomena (EEEP) Grading Rubric

Category	1-2	3-4	5-6	7-8	9-10
Prediction (What You Think Will Happen)	The prediction is **NOT** based upon factual information and is written in **sentence fragments** showing **little insight** into the concept(s) being investigated	The prediction is **loosely** based upon **some** factual information written in **sentence fragments** showing **some insight** into the concept(s) being investigated	The prediction is **loosely** based upon known fact(s) and is written in **sentence fragments** showing **some insight** into the concept(s) being investigated	The prediction is based upon known fact(s) and is written in a **complete** sentence or sentences showing **good insight** into the concept(s) being investigated	Well thought out prediction based upon known fact(s) and is written in a **complete** sentence or sentences showing **strong insight** into the concept(s) being investigated
Written Observations & Data (The What)	Information is in the format of paragraph with **weak sentence structure,** some **sentence fragments** demonstrating **poor** observation skills and insight	Information is in the format of a paragraph with **weak sentence structure** demonstrating **some** observation skills and insight	Information is in the format of a **well written 1-3-1 paragraph** demonstrating **good** observation skills and **some** insight	Information is in the format of a **well written 1-3-1 paragraph** demonstrating **good** observation skills and insight	Information is in the format of a **well written 1-3-1 paragraph** demonstrating **strong** observation skills and insight
Written Explanation (Verbal Thinking) of Observed Phenomena (The Why)	Information is in the format of a paragraph with **weak sentence structure, some sentence fragments** and demonstrating **little or no** insight and understanding	Information is in the format of a paragraph with **weak sentence structure** demonstrating **some** insight and understanding	Information is in the format of a **well written 1-3-1 paragraph** demonstrating **some** insight and understanding	Information is in the format of a **well written 1-3-1 paragraph** demonstrating **good** insight and understanding	Information is in the format of a **well written 1-3-1 paragraph** demonstrating **strong** insight and understanding
Illustrated Explanation of Observed Phenomena (Visual Thinking)	Diagrams & illustrations **not labeled** well depicting **some facets** of the concept/process being investigated demonstrating **little or no** insight and understanding	Diagrams & illustrations **mostly labeled** depicting **most facets** of the concept/process being investigated demonstrating **some** insight and understanding	Diagrams & illustrations **completely labeled** and clearly depicting **most facets** of the concept/process being investigated demonstrating **good** insight and understanding	Diagrams & illustrations **completely labeled** and clearly depicting **all facets** of the concept/process being investigated demonstrating **good** insight and understanding	Diagrams & illustrations **completely labeled** and clearly depicting **all facets** of the concept/process being investigated demonstrating **strong** insight and understanding

Scoring:

40 = 100	39 = 98	38 = 95	37 = 93	36 = 90
35 = 88	34 = 85	33 = 83	32 = 80	31 = 78
30 = 75	29 = 73	28 = 70	27 = 68	26 = 65
25 = 63	24 = 60	23 = 58	22 = 55	21 = 53
20 = 50	19 = 48	18 = 45	17 = 43	16 = 40
15 = 38	14 = 35	13 = 33	12 = 30	11 = 28
10 = 25	and so on…			