

Name:

Period:

SCIENCE EXAM 1 – STUDY SHEET

Skills Section

- Measure length accurately to the nearest mm (or 0.1cm)
- Calibrate a triple-beam balance
- Measure mass accurately to the nearest 0.1g
- Graphing
 - Accurately graph data points by hand and on the computer
 - Including setting up a graph with the right scales, variable on correct axes, title, etc..
 - Be able to create and print a graph using the online graphing tool.
 - Find unreasonable data points.
 - Construct a best-fit line that shows the relationships
 - Interpolate and extrapolate the data
 - Describe the relationship as a ratio
- _____
- _____
- _____

Knowledge Section

- Independent, dependent, manipulated, responding variables.
- Types of error
- Parts of a triple-beam balance
- Graphs (parts, labels, titles, etc.).
- Observation, Inference, & Prediction
- ~~Classification systems~~
- Neurons, dendrites, axons, neurotransmitters and how we learn.
- _____
- _____
- _____