

Name:

Class:

Date:

REVIEW FOR UNIT 1 EXAM

Highlighted boxes will have the most amount of questions

Vocabulary to Know	Resources to Use	Skills to Practice	What will the exam look like?
Qualitative Data Quantitative Data	Quiz 1 Qualitative vs Quantitative Review Qual Quant Video Nearpod Observation and Variable Review: JPNOH	Identifying Qualitative and Quantitative Observations	The exam will be no more than 25 questions. There will be some short answer and some multiple choice.
Testable Question Independent Variable Dependent Variable Constant/Controlled Variable Level Trial	Quiz 2 Review IDD ShowMe IDD Lesson Cows Moo Softly IDD Practice	Planning an Investigation (Investigation Design Diagram-IDD)	<p>Question Types Up to 20 multiple choice questions</p> <p>3-5 short answer questions in which the student is asked to EXPLAIN a concept with examples and details</p> <p>At least 1 sample experiment with an IDD to complete</p> <p><i>There will NOT be straight vocabulary questions on the exam like there were on the quizzes. Students are expected to know the vocabulary and apply it to provided examples and diagrams.</i></p>
Newton's First, Second and Third Laws of Motion Force (gravity, friction)	Quiz 3 Review Physics 4 Kids Ducksters Newton's Laws Article Video Interactive Website Newton's Laws "cheat sheet" Nearpod on 3 laws: JYHKD Nearpod on 1st Law: VRLBF Nearpod on 2nd Law: RGBKA Nearpod on 3rd Law: BUWXJ	Identify <u>one</u> of each law in a given example or diagram (This is not a major topic) *** Newton's Laws "cheat sheet" ***	
Kinetic Energy Potential Energy	Quiz 4 Review Energy Article BrainPops on Potential Energy and Kinetic Energy Username: ps22 Password: brainpop Nearpod on PE and KE: QMYFC	Explain how potential and kinetic energy apply to given diagrams and examples	
Simple machines: Lever, Pulley, Inclined Plane, Wheel and Axle, Screw, Wedge Make sure you can explain the lever system	Practice Simple Machine Questions Simple Machine Article Go to BrainPop and Search for Simple Machine videos; use password above	Identify simple machines and how they are used to make work easier	
		<p>FOR ALL TOPICS Read and Interpret Diagrams Explain a concept with examples and details</p>	