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| **TEACHER:** | **STUDENT NAME:** |
| **SUBJECT:** | **CLASS ID#:** |
| **SCHOOL:** | **DATE:** |

**DAY 1, GROUP CLASSWORK HANDOUT**

**TOPIC: DEDUCTIVE REASONING IN SCIENCE**

INSTRUCTIONS: CIRCLE the appropriate conclusion(s) from the following theoretical lab experiments and state if the conclusion that you circled is a LAW or a THEORY.

1. ALL FLYING BIRDS AND INSECTS HAVE WINGS. BIRDS AND INSECTS FLAP THEIR WINGS AS THEY MOVE THROUGH THE AIR.
   1. WINGS ENABLE FLIGHT.
   2. WINGS MUST MOVE QUICKLY IN ORDER FOR THE SPECIES TO FLY.
   3. WIND AFFECTS THE ABILITY TO FLY.

LAW OR THEORY? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. ALL OBJECTS WITH MASS ARE PULLED TOWARD THE CENTER OF THE EARTH BY THE FORCE OF GRAVITY. A FEATHER IS AN OBJECT.
   1. GRAVITY AFFECTS A FEATHER AND A BOWLING BALL DIFFERENTLY.
   2. A FEATHER DOES NOT WEIGH VERY MUCH.
   3. A FEATHER IS AFFECTED BY THE FORCE OF GRAVITY.

LAW OR THEORY? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_