



# ***DETERMINING A GOOD SCIENTIFIC QUESTION***

Show each question on the cue card to the students. Ask them to read it and determine if it is a good scientific question - can it be answered either by direct observation or through an experiment. If it is a good question they answer yes. If it is not they answer no and reword it into a good scientific question. This exercise can be completed orally or on paper.

**YOU CAN PRINT THE PAGES DOUBLE SIDED ON LETTER-SIZED CARDSTOCK SO YOU HAVE THE ANSWER ON THE BACK. IF YOUR PRINTER HAS THE DOUBLE-SIDED PRINTING OPTION THEN SELECT 'FLIP ON SHORT EDGE'. CUT OUT TO USE.**

**1**

**DO EXCESSIVELY HIGH  
TEMPERATURES CAUSE  
PEOPLE TO BEHAVE  
IMMORALLY?**

**2**

**WHAT IS THE FUNCTION OF  
FUR ON DOGS?**

**3**

**DOES SALT NEGATIVELY  
AFFECT THE RATE OF BEAN  
SEED GERMINATION?**

**4**

**DOES PUTTING VINEGAR ON A  
CUT APPLE STOP IT FROM  
GOING BROWN?**

**2 - NO**

**NO DEFINITE FACTOR TO**

**MEASURE. A BETTER QUESTION:**

**DOES THE FUR ON DOGS TRAP**

**HEAT TO KEEP THEM WARM?**

**1 - NO**

**AN IMMORAL ACT IS TOO SUBJECTIVE**

**AND TOO HARD TO MEASURE. A**

**BETTER QUESTION: IS THE MURDER**

**RATE HIGHER ON DAYS WITH**

**EXCESSIVELY HIGH TEMPERATURES?**

**4 - YES**

**DOES PUTTING VINEGAR ON A**

**CUT APPLE STOP IT FROM**

**GOING BROWN?**

**3 - YES**

**DOES SALT NEGATIVELY**

**AFFECT THE RATE OF BEAN**

**SEED GERMINATION?**