

Sample Round

UHS SCIENCE BOWL

TOSS-UP

1. **BIOLOGY** *Multiple Choice* Give the name for this class of genes that, when mutant in the mother, result in a mutant phenotype in offspring regardless of the offspring's own genotype.

ANSWER: MATERNAL EFFECT GENES

BONUS

1. **BIOLOGY** *Multiple Choice* What is the correct answer?

- W) wrong
- X) wrong
- Y) right
- Z) wrong

ANSWER: Y) RIGHT

TOSS-UP

2. **BIOLOGY** *Multiple Choice* Give the name for this class of genes that, when mutant in the mother, result in a mutant phenotype in offspring regardless of the offspring's own genotype.

ANSWER: MATERNAL EFFECT GENES

BONUS

2. **BIOLOGY** *Multiple Choice* What is the correct answer?

W) wrong

X) wrong

Y) right

Z) wrong

ANSWER: Y) RIGHT
