Zora Games Reflection

Name: _____ **Period:** _____

> Each time you finish a level, stop and reflect before you go on. Write **a genetics concept to watch out for**: an idea that tripped you up or one that is easy to mix up. Then write **one useful strategy or tip**: something that helped you, or advice you would give a classmate starting that level.

Genotype to Phenotype

When you have explored all eight genes

Date finished: _____

Choosing alleles for all eight genes and watching the DNA, proteins and traits change.

A genetics concept to watch out for:

One useful strategy or tip:

Meiosis and Mating

When you have made babies from two parents

Date finished: _____

Following the chromosomes through meiosis I and II, crossing over and nondisjunction, then mating two parents.

A genetics concept to watch out for:

One useful strategy or tip:

Parental Testing

Level 1: Tick the alleles

Date finished: _____

Working out every allele the mystery parent could have passed on to the baby.

A genetics concept to watch out for:

One useful strategy or tip:

Level 2: Lineup

Date finished: _____

Deciding which zoras could be the mystery parent and which are ruled out.

A genetics concept to watch out for:

One useful strategy or tip:

IVF Clinic

Challenge 1

Date finished: _____

A target baby with one target trait.

A genetics concept to watch out for:

One useful strategy or tip:

Challenge 2

Date finished: _____

A target baby with 2 target traits.

A genetics concept to watch out for:

One useful strategy or tip:

Challenge 3

Date finished: _____

A target baby with 3 target traits.

A genetics concept to watch out for:

One useful strategy or tip:

Challenge 4

Date finished: _____

A target baby with 4 target traits.

A genetics concept to watch out for:

One useful strategy or tip:

Challenge 5

Date finished: _____

A target baby with 5 target traits.

A genetics concept to watch out for:

One useful strategy or tip:

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