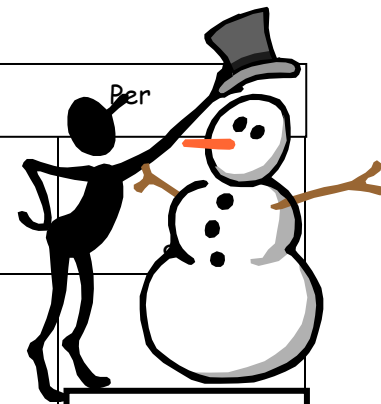


HAPPY HOLIDAYS!

LIFE 7 - GENETICS 2

Science 8 December 2017 Mrs Plyter plyter.com/science



Name _____

Per _____

Thu _____

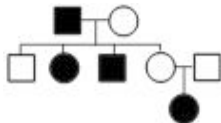
Fri _____

11

Family Pedigree Tree Part 2 Traits

- Trait Key: 1 ea _____
- Traits = ¼ pt ea _____
- Family or Disorder Trait 5 ea _____
- New People _____

15+ _____



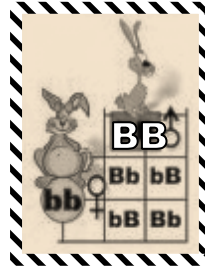
12

Punnett Squares Online: Have screen checked!

- Furry Family PS *Congratulations Screen* _____
- Genetics Questions *Check as you go!* Monohybrid Cross _____ Testcross _____
- Click and Clone _____
- Clone or Not? _____
- Cloning - *Discovery Clip* _____
- Watch: Gregory Mendel Teacher's Pet _____

13

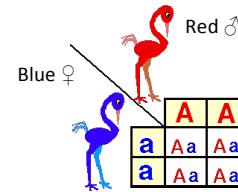
Punnett Squares Handout



Rabbits ↑↑

- Offspring Probability: _____% Round _____% Slim
- Dominant: Round or slim? _____ 5 _____

14



Flamingos ↑↑

Red = A Blue = a

- Offspring Probability: _____% Red _____% Blue
- Male Parent: Red or blue? _____ 5 _____



15

If Time:

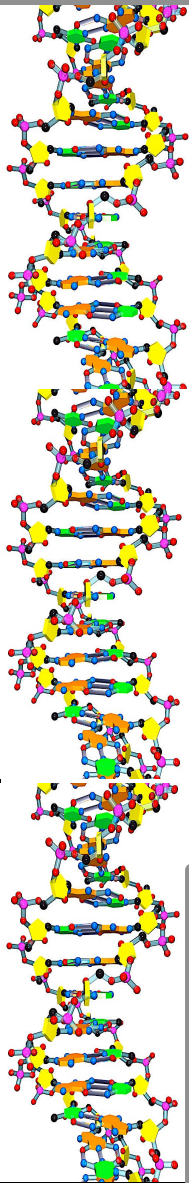
Vocabulary
Prefixes – Suffixes
+ **Vocabulary:**
Google Classroom:
Science 8
Vocabulary
Spreadsheet
Add terms.

Points

- Objective
+ **Organization**
- Family Pedigree Tree Part 2
 - Punnett Squares Online
 - Punnett Squares Handout
 - Punnett Squares On Calendar

Quiz Points:

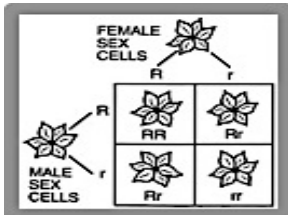
- Mon _____
Tue _____
Wed _____
Thu _____
Fri _____
Total _____



For these Flowers: R = Red r = white
Incomplete Dominance: Rr = heterozygous (hybrid) = pink

Fill in probability percentages:

- Pink Flowers _____%
- White Flowers _____%
- Red Flowers _____%
- Heterozygous _____%
- Homozygous _____%

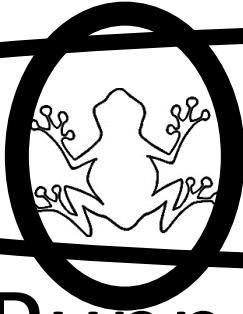


Central Science Home Page plyter.com/science

Science → Life Science → Genetics →

- Furry Family
- Genetics Questions
- Click and Clone
- Clone or Not?
- Cloning – Discovery Clip
- Gregory Mendel Teacher's Pet





OBJECTIVE:

Use Punnett Square models to understand that in sexual reproduction each parent contributes half of the genes to each offspring. All organisms have 2 of each chromosome (1 from each parent) and so have 2 (different or identical) alleles (gene types) of each gene.



Write the Objective: _____
