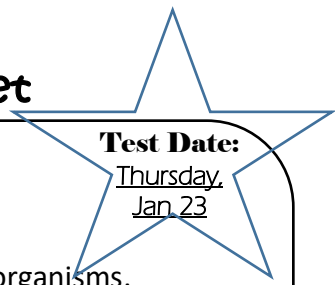


Meiosis and Genetics Unit 8 PAP Expectation Sheet



Test Date:
Thursday
Jan. 23



I CAN -




- 1. Describe the importance of meiosis for sexual reproduction.
- 2. Explain how meiosis contributes to genetic variation in sexually reproducing organisms.
- 3. Predict the probability of the genotypes and phenotypes of the F1 and F2 generations in a monohybrid cross.
- 4. Predict the probability of the genotypes and phenotypes of the F1 and F2 generations in a dihybrid cross.
- 5. Predict the probability of the genotypes and phenotypes of a cross involving incomplete dominance, codominance, multiple alleles, and sex-linked traits.
- 6. Analyze a pedigree to identify patterns of inheritance.
- 7. Predict the pattern of inheritance based on the parents' and offsprings' phenotypes/genotypes.



Meiosis, homologous chromosomes, sister chromatids, diploid (2n), haploid (n), crossing over, gamete, fertilization, allele, homozygous, heterozygous, dominant, recessive, genotype, phenotype, monohybrid, dihybrid, purebred, hybrid, F1, F2, pedigree

Calendar

GO TO WWW.BIOLOGYBYNAPIER.COM FOR ASSIGNMENTS!

Monday 1/6	Tuesday 1/7	Wednesday 1/8	Thursday 1/9	Friday 1/10
	Topic: Meiosis Activities: Pre-Assessment Online Meiosis Practice By the end of the period I can: 1, 2	Topic: Meiosis Activities: Model Meiosis & Wildcat babies By the end of the period I can: 1, 2	Topic: Meiosis & Genetics Activities: Meiosis FA and Genetics - Vocabulary BTEOTP I can: 1, 2, vocab for 3, 4, 5	Topic: Monohybrid Activities: Practice Solving Monohybrid Cross Men & NonMen By the end of the period I can: 3, 5
Monday 1/13	Tuesday 1/14	Wednesday 1/15	Thursday 1/16	Friday 1/17
Topic: Monohybrid Activities: Practice Solving Monohybrid Cross – Sex Linked By the end of the period I can: 3, 5	Topic: Monohybrid Activities: Practice Solving Monohybrid Cross – Sex Linked By the end of the period I can: 3, 5	Topic: Monohybrid Activities: Practice Solving Monohybrid Crosses Super Hero Style By the end of the period I can: 3, 5	Topic: Dihybrid Activities: Practice Solving Dihybrid Cross By the end of the period I can: 4	Topic: Dihybrid & Pedigree Activities: Dihybrid & pedigree Mid-assessment By the end of the period I can: 4, 6, 7
Monday 1/20	Tuesday 1/21	Wednesday 1/22	Thursday 1/23	Friday 1/24
	Topic: Review Activities: Practice Solving All Genetic problems. <i>Breakout review!</i> By the end of the period I can: 1, 2, 3, 4, 5, 6, 7	 LATE ARRIVAL DAY Topic: REVIEW Activities: REVIEW By the end of the period I can: 1, 2, 3, 4, 5, 6, 7 Meiosis and Genetics Exam	Test Analysis & Progress Reflection

**** This is a tentative calendar and subject to change.