

In the Blood

5E STEM Lesson Plan



Science

MS-LS1-3
MS-LS3-2

Technology

3a: Knowledge Constructor
6a: Creative Communicator

Engineering Practices

Asking and Defining Problems
Analyzing and Interpreting Data
Engaging in Argument from Evidence

Mathematics

CCSS.MATH.CONTENT.7.SP.C.5
CCSS.MATH.CONTENT.7.SP.C.6
CCSS.MATH.CONTENT.7.SP.C.7

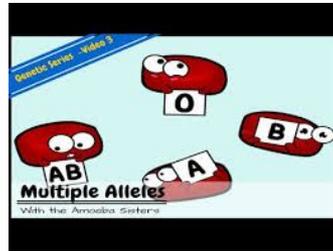
Engage

Explore

Explain

Evaluate

Elaborate



	A	B
O	AO	BO
O	AO	BO

Claim - Evidence - Reasoning Rubric

	4	3	2	1
Claim	Domain specific language is used to state the claim accurately	Claim is stated accurately	Claim does not make appropriate connections to the task	Claim is stated inaccurately
Evidence	Evidence provided from text, video, experiment, picture, lecture contributes to overall understanding	Evidence from text, video, experiment, picture, lecture is provided to support claim	Evidence is provided to support claim	Evidence is unclear or does not support the claim
Reasoning	Reasoning supports and extends the claim	Reasoning is included to support the claim	Reasoning partially supports the claim	Reasoning does not support the claim

Who's Your Daddy?

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[Trichot](#) There has been an earthquake at a local hospital. Nurse Rubick, only on her second day on the job, was assigned to care for the babies in the nursery. It's her task to ensure the hospital. Nurse Rubick is required to type identification bracelets on the newborn babies.

[Bayer Tutorial](#) Your job is to utilize your knowledge of genetics and family in order to find the father for the babies in their correct parents. To solve the mystery, you must analyze various genetic traits in order to match babies to their parents. You will need a solid understanding of Mendel's experiment, blood types, dominant, recessive, and codominant genes in order to solve the case. If you get stuck, go back to the tutorial. There are three different scenarios and levels of difficulty. If you solve the first level, challenge yourself to solve a more difficult one. Good Luck!

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