



Mini-Map for SCI.EE.HS.LS3-2

Subject: Science

Life

Grade: 9–12

Learning Outcome

DLM Essential Element	Grade-Level Standard
SCI.EE.HS.LS3-2 Defend why reproduction may or may not result in offspring with different traits.	HS-LS3-2 Make and defend a claim based on evidence that inheritable genetic variations may result from (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors.

Linkage Level Descriptions

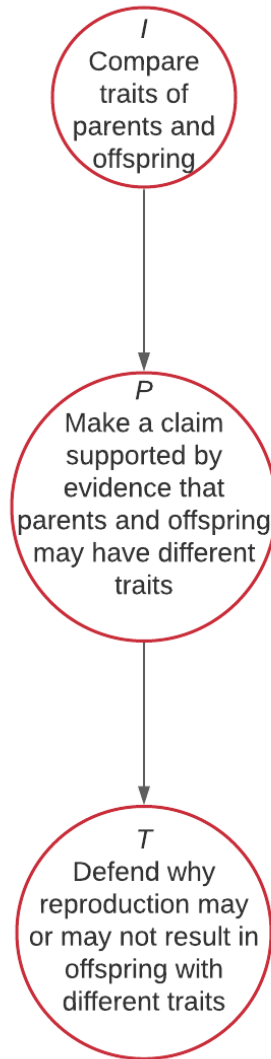
Initial	Precursor	Target
Compare traits of parents and offspring to identify that offspring have some traits similar to the parents and some that are unique.	Make a claim supported by evidence that parents and offspring may have different traits.	Defend why reproduction may or may not result in offspring with different traits.

Instructional Resources

Linkage Level	Instructional Activities
Initial/Precursor/Target	N/A
Connections	
Science and Engineering Practices	Engaging in Argument from Evidence
Crosscutting Concepts	Cause and Effect
Released Testlets	
See the Guide to Practice Activities and Released Testlets .	

[Link to Text-Only Map](#)

SCI.EE.HS.LS3-2 Defend why reproduction may or may not result in offspring with different traits.



Map Key	
I	Initial
P	Precursor
T	Target