



Mini-Map for SCI.EE.HS.LS1-4

Subject: Science

Life

Grade: 9–12

Learning Outcome

DLM Essential Element	Grade-Level Standard
SCI.EE.HS.LS1-4 Use a model to illustrate how growth occurs when cells multiply.	HS-LS1-4 Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms.

Linkage Level Descriptions

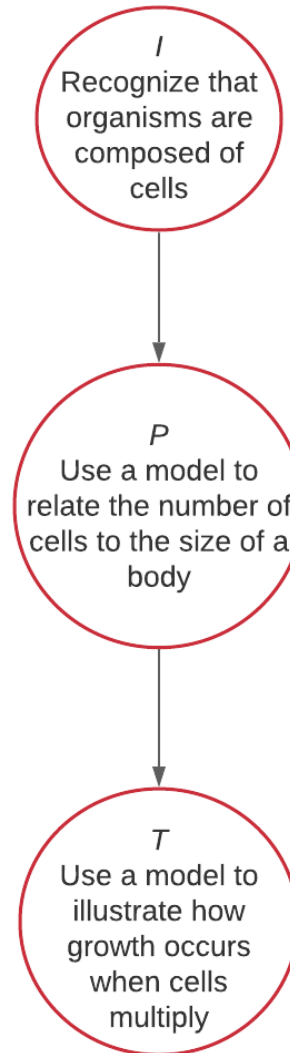
Initial	Precursor	Target
Recognize that organisms are composed of cells, and distinguish things made of cells from things not made of cells.	Use a model to relate the number of cells to the size of a body.	Use a model to illustrate how growth occurs when cells multiply.

Instructional Resources

Linkage Level	Instructional Activities
Initial/Precursor/Target	N/A
Connections	
Science and Engineering Practices	Developing and Using Models
Crosscutting Concepts	Systems and System Models
ELA Essential Elements	ELA.EE.SL.11-12.5: Use digital media strategically (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to support understanding and add interest.
Mathematics Essential Elements	M.EE.F.BF.1: Select the appropriate graphical representation (first quadrant) given a situation involving constant rate of change.
Released Testlets	
See the Guide to Practice Activities and Released Testlets .	

[Link to Text-Only Map](#)

SCI.EE.HS.LS1-4 Use a model to illustrate how growth occurs when cells multiply.



Map Key	
I	Initial
P	Precursor
T	Target