

What Makes Me Who I Am?

Unit Plan Overview

Day 1

Diagnostic Assessment

Administer the diagnostic assessment for the unit, What Makes Me Who I Am?

Days 2-3

Lesson Plan

Decidedly Different

In this first lesson of the unit plan, students study why scientists need to use observable characteristics, how they sort the characteristics, and why they do so. Journal entries allow students to reflect and make inferences.

Student Web Lesson

What's Bugging You?

Students examine the characteristics of an insect.

Day 4

Lesson Plan

Wiggle, Peak, and Roll

In this second lesson of the unit plan, students learn that characteristics are inherited.

Day 5

Lesson Plan

Take a Splash into the Gene Pool

In this third lesson of the unit plan, students further explore inherited characteristics by conducting a simulated experiment where they create a person using simple genetic coding.

Student Web Lesson

Where'd You Get Those Genes?

Students are introduced to genetic inheritance.

Day 6

Lesson Plan

Interaction Actions

In the fourth lesson of the unit plan, students work in cooperative groups to brainstorm characteristics that are the result of interaction with the environment.

Student Web Lesson

Double Trouble

Students observe how interactions with the environment affect the growth of all living organisms.

Day 7

No Lesson Plan

Use Review for Summative Assessment #1 (see unit's attached files).

(Time will depend upon how the teacher utilizes classroom time. It may be helpful to combine math, science and language arts times to do the review.)

Prior to the class, the room should be grouped so that there are five centers. You may want to create ten centers for smaller groups of students. Copy the review materials included in the assessment section of the Unit Plan. Students work in center groups to review the information discussed and formatively assessed in the previous six days. Students self-check their work with provided samples. Formatively assess while students are working. The Student Web Lessons, What's Buggin' You, Double Trouble, and Where'd You Get Your Genes, can all be used as a review for absent students, for students struggling with the content, or for students struggling with the centers.

Day 8

No Lesson Plan

Administer Summative Assessment #1.

Day 9 –12

Lesson Plan

Organizing Organs

This is lesson five in the Unit Plan: What Makes Me Who I Am? Students examine the parts of a cell. They compare and contrast plant cells to animal cells. They understand how cells are organized to form structures (tissues, organs).

Student Web Lesson

Mixed-Up Cells

Students correctly identify and explain the differences and similarities between plant and animal organelles.

Days 13-16

Lesson Plan

Body Systems in Action

In this last lesson of the unit plan, students research the body systems. Cooperative groups create and present a short skit demonstrating how systems work together.

Day 17

No Lesson Plan

Summative Assessment

Administer Summative Assessment #2.

Days 18-19

No Lesson Plan

Summative Assessment

Administer Unit Summative Assessment.

Curriculum Map

Standards Taught and Assessed																				
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	
SC.F.1.2.1.5.1 Understands how body systems interact	D												T/P/FA	R/P/FA	R/P/FA	R/P/FA	A2	UA	UA	
SC.F.1.2.4.5.2 Knows parts of plants and animal cells	D								R/P/FA	R/FA	R	R/P/FA	R					A2	UA	UA
SC.F.1.2.4.5.3 How similar cells are organized	D										T/P/FA	R/P/FA	R					A2	UA	UA
SC.F.2.2.1.5.1 Inherited characteristics	D			T/P/FA	R/P/FA	R	R	A1	R		R		R						UA	UA
SC.F.2.2.1.5.2 Environmental characteristics	D					T/P/FA	R	A1	R		R		R						UA	UA
SC.H.1.2.2.5.1 Different kinds of investigations	D	T/P/FA	R	R/P/FA	R		R	A1												
SC.F.1.2.5.5.2 Constructs models	D						R	A1		R/FA										
SC.H.3.2.2.5.1 Selects appropriate graphical reps.	D	T/P/FA	T/P/FA	R/P/FA	R		R	A1												

Key

D= Diagnostically Assessed T= Taught R= Reviewed P= Practice FA= Formatively Assessed
 A1=Assessment #1 A2= Assessment #2 UA= Unit Assessment

Standards Reviewed and Assessed																			
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19
LA.B.1.2.2.5.1 Focus in writing	D	R/FA	R/FA		FA	FA	R	A1	FA			FA	FA		FA			UA	UA
LA.B.1.2.2.5.4 Includes facts and details from a variety of sources.	D	R/FA	R/FA		FA	FA	R	A1	FA			FA	FA		FA			UA	UA
MA.E.1.2.1.5.3 Chooses reasonable titles, labels, scales and intervals on graphs	D			R/FA			R	A1											

Goal 3 Standards																			
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19
Info Managers		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
Effective Communicator		P	P			P							P	P	P	P			
Critical and Creative Thinker					P														
Cooperative Worker			P/FA	P/FA										P/FA	P/FA				

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