







Animals Unit Sequence and Decisions Table

Lesson	Activity Sequence	Feature	Make a Decision
1 (60 min)	1.1 Animals Unit Pretest (20 min)		
	1.2 Expressing Ideas and Questions About Animals (40 min)		
2 (2 hr 5 min)	2.1 Zooming Into Plants, Animals, And Decomposers (40 min)		These activities are exactly the same as equivalent ones in <i>Plants</i> and <i>Decomposers Units</i> . Do not repeat these activities in multiple units unless students need a review. Also, in Activity 2.1, the “Cells: The Building Blocks” reading is optional.
	2.2 Molecules Cells Are Made Of (45 min)		
	2.3 Molecules In Cells Quiz (20 min)		
	2.4 Questions About Animals (30 min)		
3 (2 hr 40 min)	3.1 Predictions and Planning About Mealworms Eating (35 min)		
	3.2 Observing Mealworms Eating (60 min over 2 days)		
	3.3 Evidence-Based Arguments About Mealworms Eating (50 min)		
4 (1 hr 20 min)	4.1 Molecular Models For Cows Moving and Functioning (45 min)		The molecular modeling part of Activity 4.1 is the same as the molecular modeling for cellular respiration in the <i>Plants</i> and <i>Decomposers Units</i> . Do not repeat unless for review.
	4.2 Explaining Cellular Respiration (40 min)		There are multiple scaffolds you can choose from to use with Activity 4.2 including the cellular respiration PPT, the Three Questions Checklist, example explanations, and a reading. Choose options that fit for your class at this time.
5 (1 hr 20 min)	5.1 Tracing Cows Growing (40 min)		Activity 5.2 is exactly the same as molecular modeling for biosynthesis in the <i>Plants</i> and <i>Decomposers Units</i> . It’s also a 2-turtle activity. Consider skipping 5.2 if you’ve already taught it in another unit or if it’s too advanced for your class. In Activities 5.3 and 5.4, you can choose from among similar scaffolding tools as those listed for Activity 4.2
	5.2 Molecular Models For Cows Growing (40 min)	 	
	5.3 Explaining Digestion (40 min)		
	5.4 Explaining Biosynthesis (40 min)		
6 (2 hr)	6.1 Explaining Other Examples of Animals Growing, Moving, and Functioning (50 min)		Activity 6.1 has explanations about 3 different animals. Consider a jigsaw format with different students becoming experts on different animals and then sharing/comparing.
	6.2 Comparing Animals And Flames (50 min)		In Activity 6.2, students will compare flames and animals.
	6.3 Functions Of All Animals (50 min)		In Activity 6.3, students will develop an explanation that applies to all animals.
	6.3 Animals Posttest (20 min)		