## Topic 1.1: Why is the reproduction of cells important?

## **Directions:**

This topic begins on page 2. It is a good practice to read the chapter first before attempting to answer the questions in this worksheet. Be aware that not every possible test question is covered by this worksheet. Any material in the chapter may appear on a test. Answer each question as completely as you can. Any unfamiliar bold words in the chapter are defined in the margins nearby. Be sure to know the definitions!

## **Activating prior knowledge:**

1.	Turn to pages 2 and 3 in the text book. Read the captions on page 2 and look at the photo on page 3. Can you
	answer the questions in the bottom right corner? What other questions does this photo and quotation bring to
	mind?

<b>y Terms:</b> The following words can be found in BOLD throughout this topic and their definitions will appear in the margin. Write their definitions below.
Asexual reproduction:
Sexual reproduction:
DNA:
Chromosome:
CHIOHOSOHIC.

3.	What is cell theory? Explain what implications this theory has on the interconnectedness between you and the world around you.	
4.	What is sustainability? What impact does reproduction have on sustainability?	
5.	Describe continuity and the role reproduction plays in it.	
Student Inquiry:		
6.	Pages 14-19 contain three different inquiry projects. Choose and complete one of these inquiry projects (see your teacher as this may depend on availability of materials). Tip: Inquiry 1-B may be the best choice given limited resources. Attach your finished inquiry to the end of this worksheet when you hand it in.	