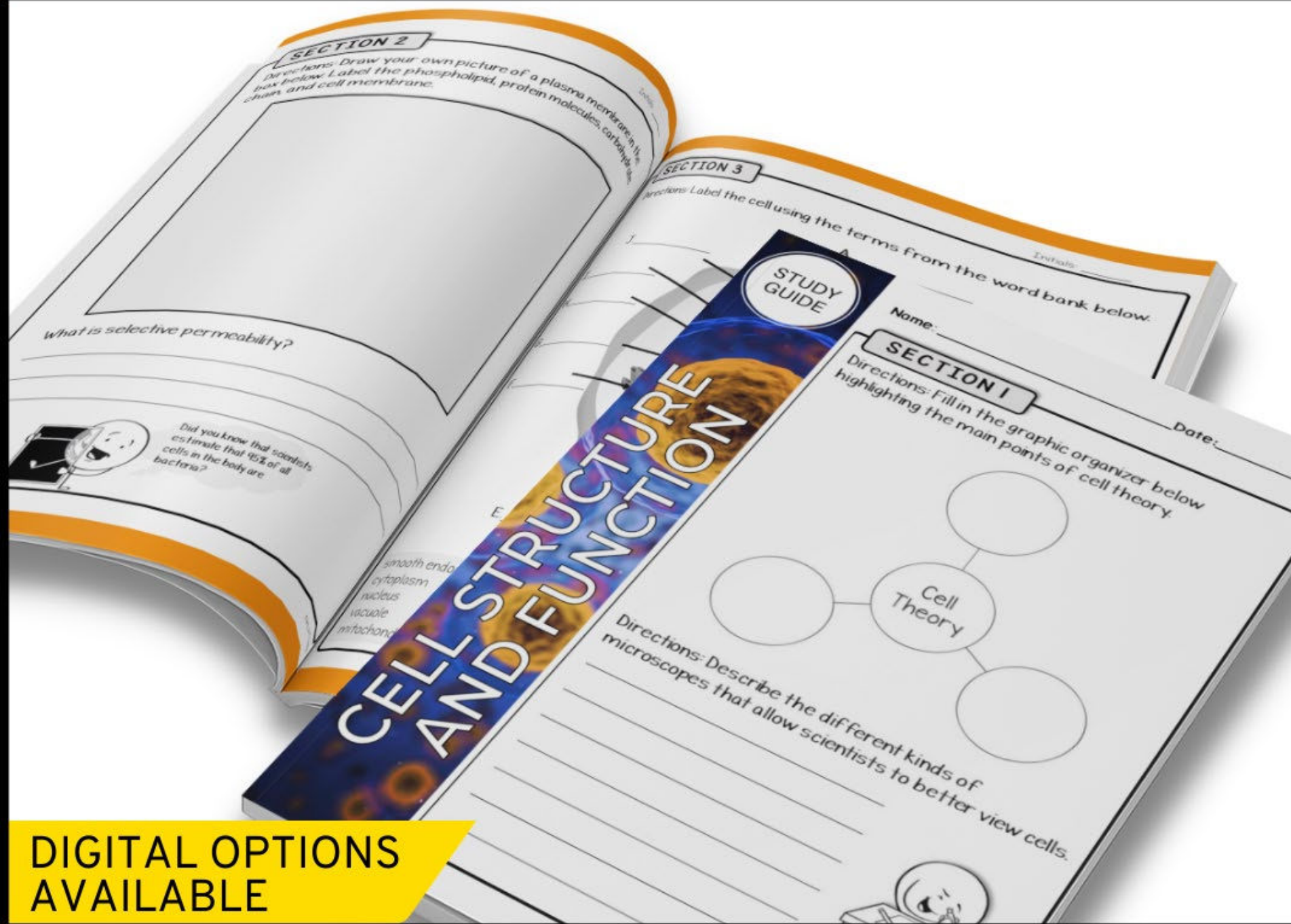




STUDY GUIDE

Includes **PRINT** or **DIGITAL** Options

Initials: _____

SECTION 2

Directions: Draw your own picture of a plasma membrane in the box below. Label the phospholipid, protein molecules, carbohydrate and cell membrane.

Initials: _____

SECTION 3

Directions: Label the cell using the terms from the word bank below.

A. _____ B. _____ C. _____

J. _____ I. _____ H. _____ G. _____

Initials: _____

SECTION 4

Directions: Give a brief description for each part of a eukaryotic cell structure.

Nucleus

Mitochondria

Cytoplasm

Initials: _____

SECTION 5

Directions: Fill in the blank for each part of a prokaryotic cell.

capsule
ribosomes
cell wall

plasmid
pilus
chromosome

flagella
plasma

Cell

Initials: _____

SECTION 6

Directions: Choose six of the words below and give the definition, making sure to include the role it plays in cellular transport.

homeostasis
carrier protein
facilitated diffusion

endocytosis
osmosis
passive transport

exocytosis
active

1. _____ 2. _____

3. _____ 4. _____

5. _____ 6. _____

Initials: _____

SECTION 7

Directions: Scan the QR code to watch the video and answer the questions below.



CELL STRUCTURE

1. Why is the cell membrane referred to as the gate keeper?
2. Mitochondria is referred to as the energy factory because
3. The nucleus is the boss because
4. What is stored in a chromosome?
5. What is the function of the Golgi complex?
6. Who makes proteins?
7. What is the purpose of the vacuole?
8. How is active transport the opposite of diffusion?

Initials: _____



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Each study guide provides a combination of strategies which may include:

graphic organizers

critical thinking

vocabulary building

theme connection

compare and contrast

matching

problem solving

fill-in-the-blank

concept mapping

short answer

interpreting data

real world application

QR videos with accompanying questions



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