NGS Magnified Task Cards are an engaging, versatile educational tool that reinforces learning, differentiates instruction, and promotes independent and collaborative work.

Cell Processes & Energy 1

DECIDE

What process produces carbon dioxide?

a. cellular respi
b. photosynthes

Cell Processes & Energy 2

EXPLAIN

Explain why organisms need to carry out the process of cellular

Cell Processes & Energy 5

DECIDE

The chromosomes line up across the center of each cell.

a. prophase c. anaphase
b. metaphase d. telophase

Cell Processes & Energy 6

EXPLAIN

Explain the difference between an autotroph and a heterotroph.

Cell Processes & Energy 9

DECIDE

What process produces oxygen and sugar?

a. cellular respiration c.
b. photosynthesis d.

Cell Processes & Energy 10

EXPLAIN

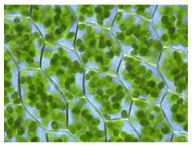
Cell Processes & Energy 13

DECIDE

The chromosomes begin to stretch out and a new nuclear envelope forms around each region of chromosomes.

a. prophase c. anaphase
b. metaphase d. telophase

Cell Processes & Energy 14



DETERMINE

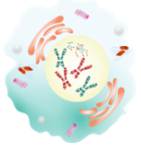
What organelle is pictured above and what is its function?

Cell Processes & Energy 15

COMPLETE

During _____, one copy of DNA is distributed into each of two daughter cells.

Cell Processes & Energy 16



IDENTIFY

Identify the phase of mitosis shown above.

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