

Mitosis and meiosis, set of 2 models MOD-GENETICS



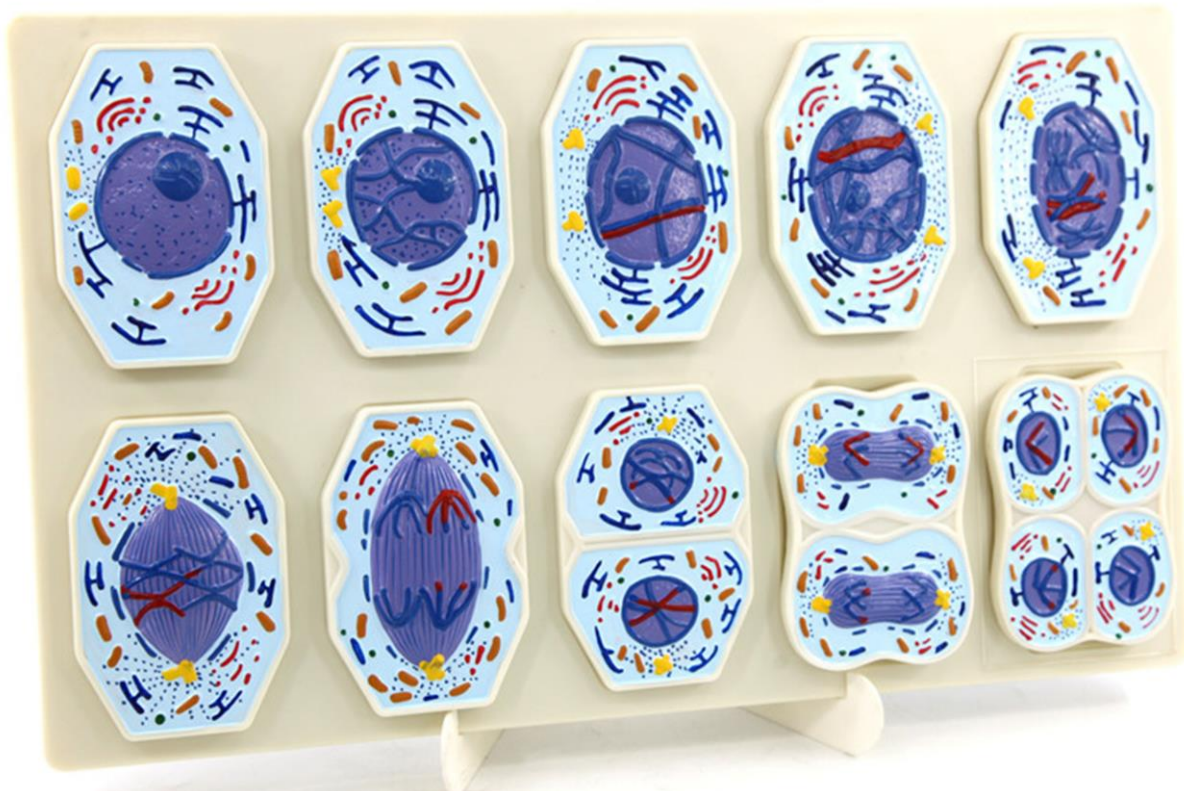
At left: meiosis (10 phases), at right: mitosis (9 phases)

USES:

These models are designed as an aid for teaching in zoology, anatomy and physiology courses. They are useful as tools to show the phases both of meiosis and mitosis in animal cells. Since the pieces representing the individual phases can be disassembled and reassembled, the models are also useful as a tool to evaluate students.

DEMONSTRATIONS:

Meiosis



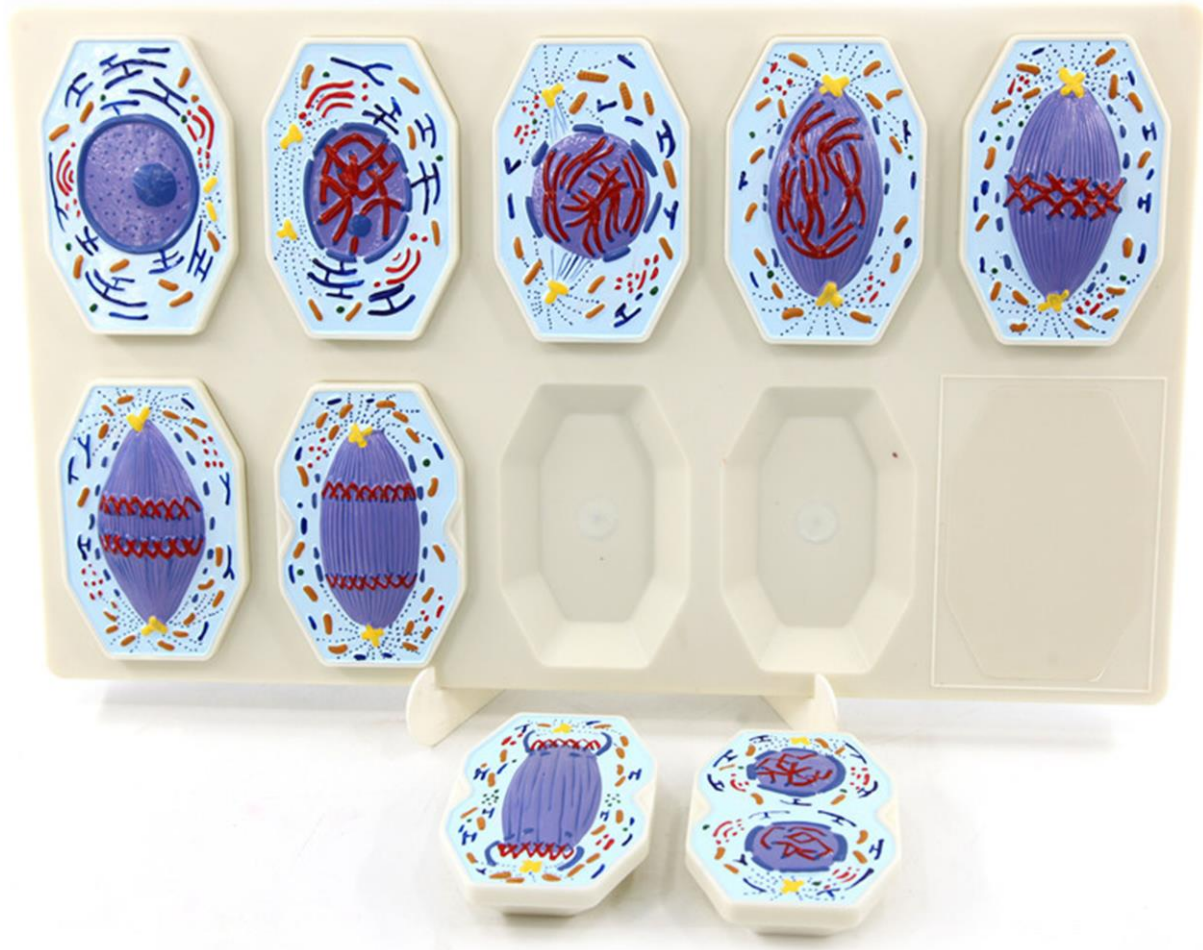
Top row from left to right:

Interphase (G1 phase) - Prophase (leptotene) - Prophase (zygotene and pachytene) - Prophase (diplotene) - Prophase (diakinesis)

Bottom row from left to right:

Metaphase I - Anaphase I - Telophase I - Anaphase II - Telophase II and Cytokinesis

Mitosis



Top row from left to right:

Interphase – Prophase - Early prometaphase - Later prometaphase - Metaphase

Bottom row from left to right:

Early anaphase - Late anaphase – Telephase - Cytokinesis.

CONSTRUCTION:

The pieces representing the phases can be removed from the boards and be reassembled also in an upright position because the pieces are magnetic and adhere to the boards.

DIMENSIONS: 10,000 times magnification