

Biology 9 Mitosis Flip Chart – ADAPTED FOR M-LEARNING

STAGE 1 – DESIRED RESULTS

Unit Title: Science 9 Biology: Asexual reproduction

Established Goals:

A3 Represent and interpret information in a graphic form.

B1 Explain the process of cell division.

Understandings: *Students will understand that...*

- There are 4 essential steps in Mitosis, i.e. P.M.A.T.

Essential Questions:

- Can students identify the essential stage of mitosis?

Students will know:

- Mitosis consists of a series of stages. Prophase, metaphase, anaphase and telophase.

Students will be able to:

- Describe in sequence the stages and features of mitosis.

STAGE 2 – ASSESSMENT EVIDENCE

Performance Tasks:

Create an **animated Gif** that shows the stages of Mitosis.

Final product is to be **electronically shared** with the teacher

Other Evidence:

Dialogue with teacher.

STAGE 3 – LEARNING PLAN

Summary of Learning Activities:

Objective:

Students will use notes, text book and **online resources** as appropriate to create an **animated Gif** that correctly sequences Mitosis.

Time:

1 block

Materials

Art supplies

Recipe cards

Notes on mitosis

Mobile device

Gif animator app from recommended list

Final product

A functioning **animated Gif** that correctly shows that stages of mitosis that is **shared electronically** with the teacher.