

Key knowledge

Cell size, structure and function

1.1.2 the rapid procession of prokaryotic cells through their cell cycle by binary fission

1.1.2.1 What are prokaryotes? (include a diagram with your definition)

1.1.2.2 Where is the genetic material in prokaryotes?

1.1.2.3 What is binary fission?

1.1.2.4 Use a labelled diagram to outline the process of binary fission in prokaryotic cells.

1.1.2.5 Explain why binary fission is described as a rapid process of reproduction?

1.1.2.6 What is the “genetic limitation” of binary fission as a reproductive process?

1.1.2.7 Annotate the graph to explain the growth rate within a population reproducing by binary fission

