

Title: DNA Replication

Subject: SBI 4U (Grade 12 University Biology)

Time: 75 minutes

Lesson Description: To teach students the process of DNA replication.

Learning Goal: For students to be able to explain and outline the steps involved in DNA replication and identify the various components involved.

Materials:

- worksheets downloaded from site
- computers or tablets
- markers
- poster paper

Minds On:

- Review the components of the DNA molecule. (5 minutes)
- Initiate a discussion with the class and ask them what they know about DNA replication and brainstorm a list. (5 minutes)

Action:

- Have students complete worksheets using the online tutorial. (30 minutes)
- Take up the worksheets as a class. (20 minutes)

Consolidation:

- Have students outline the process of DNA replication on poster paper individually or in groups. (15 minutes)