

Title: Transcription

Subject: SBI 4U (Grade 12 University Biology)

Time: 75 minutes

Lesson Description: To teach students the process of transcription, how a strand of mRNA is created from a strand of DNA.

Learning Goal: For students to be able to explain and outline the steps involved in transcription, highlighting the key components, and to be able identify the purpose of this process.

Materials:

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

Minds On:

- Brainstorm with the class and create a list of what they already know about RNA. (5 minutes)

Action:

- Have students complete worksheets using the online tutorial. (35 minutes)
- Take up the worksheets as a class. (20 minutes)

Consolidation:

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