

Protein Mission

Pedagogical Scenario

Pre-briefing (out of class)

Preparation of material (out of class)

Teacher

1. Concepts of: transcription, base pairing; RNA splicing; transcription, tRNA, codon and anticodon, polypeptide structures, elongation and folding
2. Case study on hémophilie
3. Knowledge questionnaire
4. VR activity documentation
5. Teacher's guide



20 min



Resource
curation

Mapping of detailed activity plan and distribution of documentation (in class)

Teacher

1. Map activity plan with students.
2. Distribute Part one of the case study.
3. Distribute VR preparatory documents.
4. Review **introductory guide**.
5. Review **student support file**.



15 min



Present

Study case reading (out of class)

Read **Part 1** of the case study and answer associated questions.



20 min



Individual

Students

Facilitation of discussion (in class)

Teacher

Lead discussion on case study and distribute the pre-activity knowledge questionnaire.



Orchestrate

Group discussion (in class)

Discuss answers to Part I of the case study.



15 min



Group

Students

Pre-activity questionnaire (in class)

Answer pre-activity questionnaire.



10 min



Individual

Students

Preparation for VR activity (out of class)

Students

Familiarization with VR documentation.

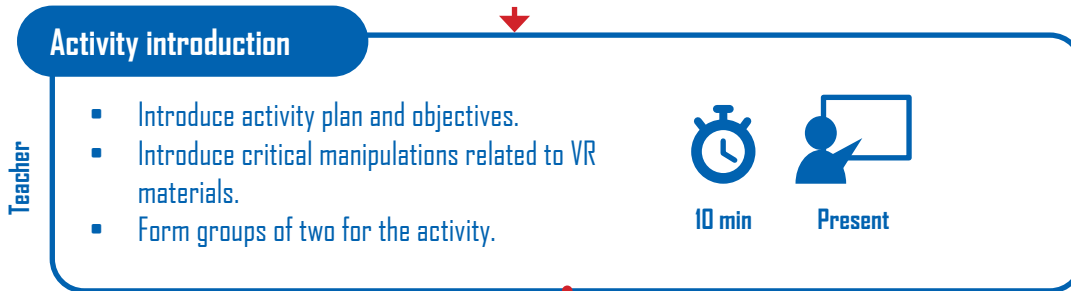


20 min

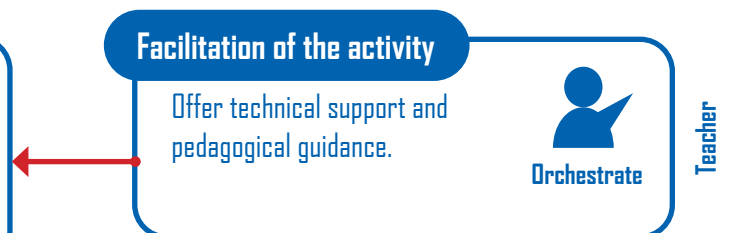
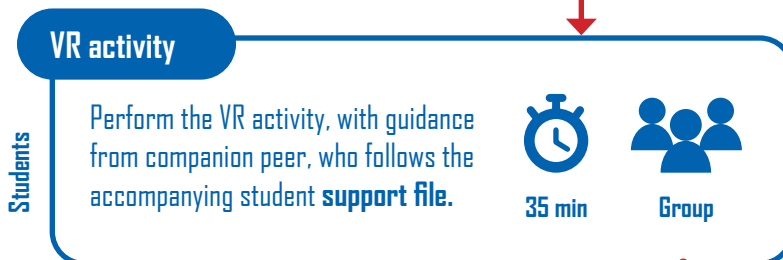
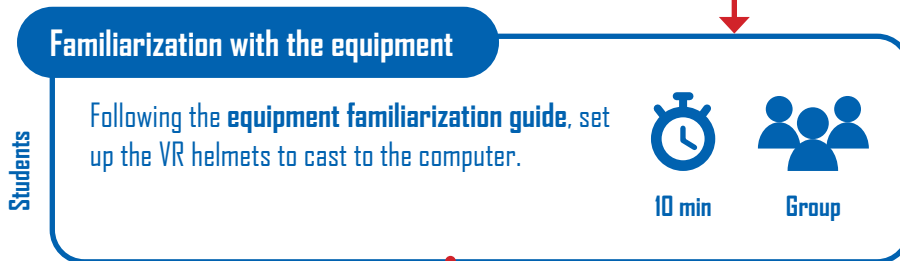


Individual

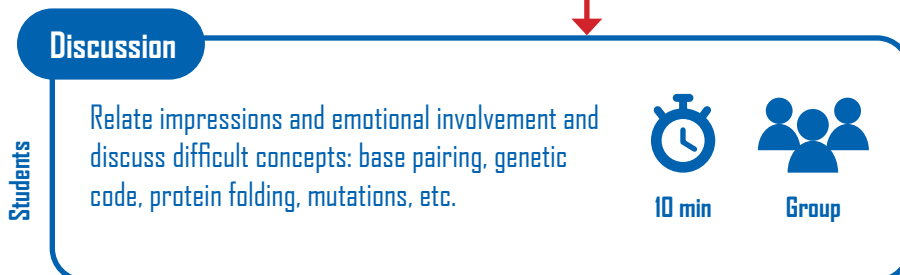
Briefing (in class)



Activity (in class)



Debriefing post VR activity (in class)



Debriefing (in class)

