

Characteristics of Life, Revisited

Summary

This activity ties the cell organelles and organs/organ systems to the functions that they support.

Main Core Tie

SEEd - Grade 7

[Strand 7.3: STRUCTURE AND FUNCTION OF LIFE Standard 7.3.3](#)

Time Frame

1 class periods of 60 minutes each

Group Size

Small Groups

Materials

notes
textbook
- [worksheet](#)

Background for Teachers

Students have already determined the characteristics and functions common to all living things. This activity ties the cell organelles and organs/organ systems to the functions that they support. It is a good review or assessment after the class has covered the levels of organization of living things. The project can be done individually, but is also good to complete as partners.

Student Prior Knowledge

characteristics of life, major cell organelles , and organism organs and organ systems

Instructional Procedures

To activate prior knowledge, brainstorm the characteristics of life as a large group and have students set up their own data table.

Then choose one of the characteristics and have volunteers suggest organelles and organs that help provide those functions.

Finally, have individuals or small groups complete the table.

Have small groups share with other groups or in the whole group when finished.

Assessment Plan

Scoring guide

:

2 points for each correct inclusion in each box. Be sure to allow for unique answers that can be justified. Some suggested answers are included in the last page. 24 points total.

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)