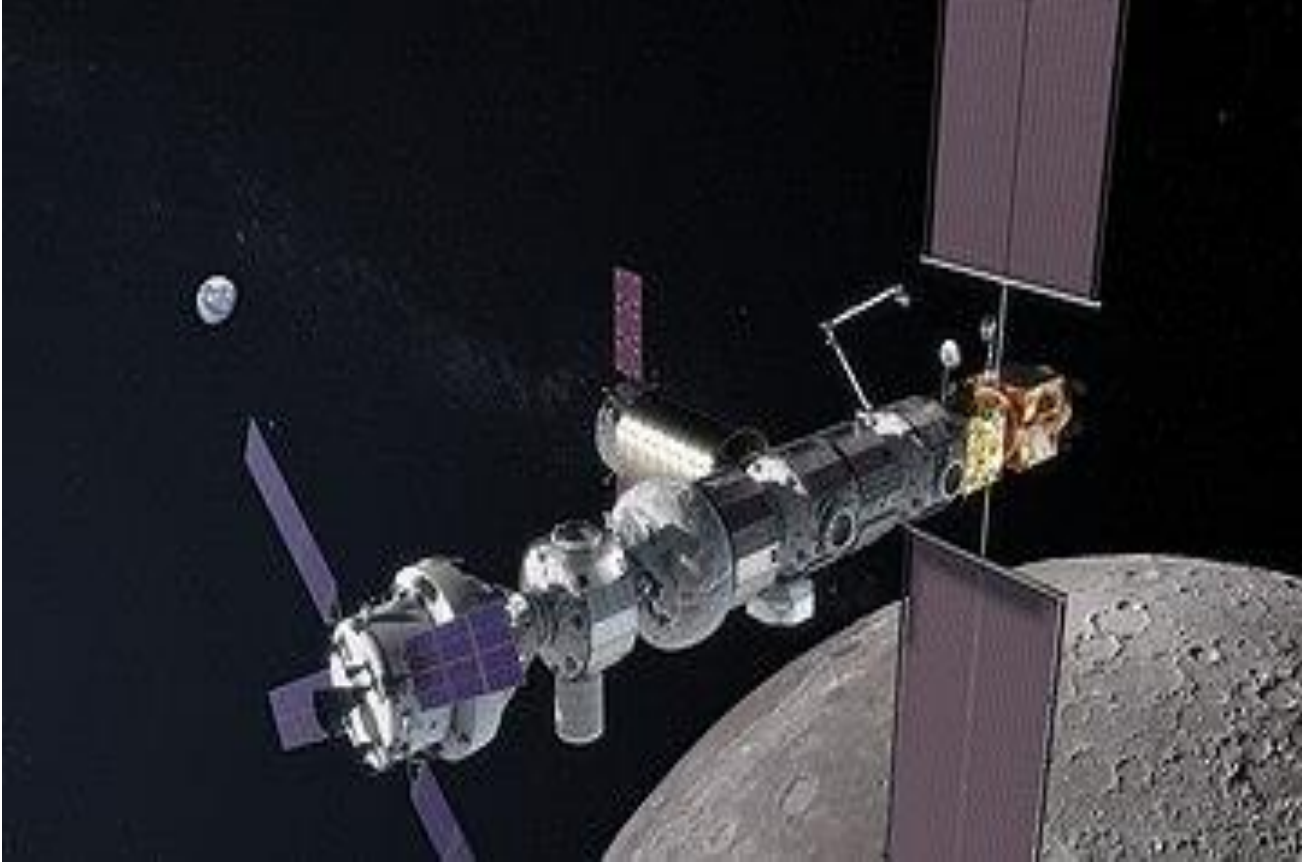# Spacegate Station
Episode 2 Resources

Resource Contents

- Classification System Worksheet
- Linnaean Kingdom Keys
- Identifying the Unknown Worksheet
- Florida Next Generation Sunshine State Standards

This program was designed specifically to be used as part of science subject instruction, science remediation and science enrichment. The determination of the appropriate science standards that correlate to this program was established by a board of Science Specialists and teachers in Duval County Public Schools, Jacksonville, FL, USA.

Spacegate Station Episode 2
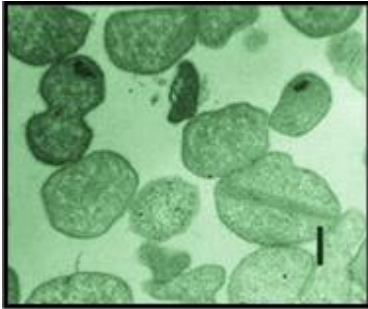
Classification System Worksheet

Linnaean System Definition:

Three Different Types of Domains	Six Types of Kingdoms
1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____

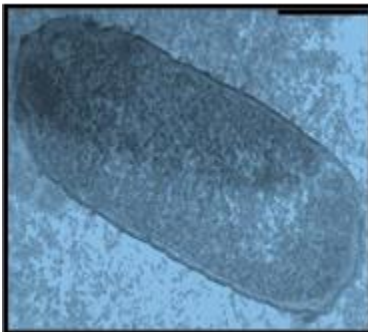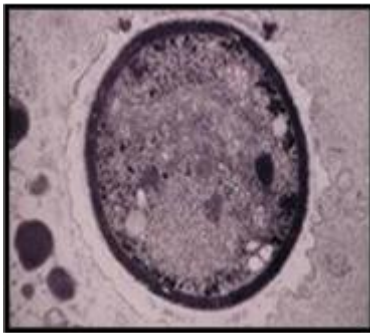| Prokaryotic	Eukaryotic
1. _____ 2. _____ 3. _____ 4. _____ 5. _____ **Remember: Pro is NO**	1. _____ 2. _____ 3. _____ 4. _____ **Remember: You (EU) DO**

Kingdoms Keys

Kingdom: Archaebacteria

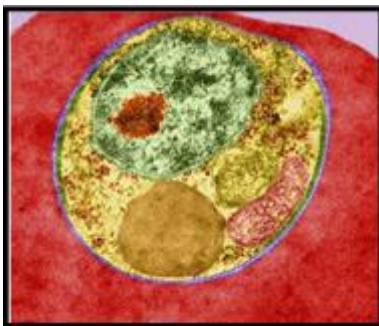Key to identify:

Kingdom: Eubacteria

Key to identify:
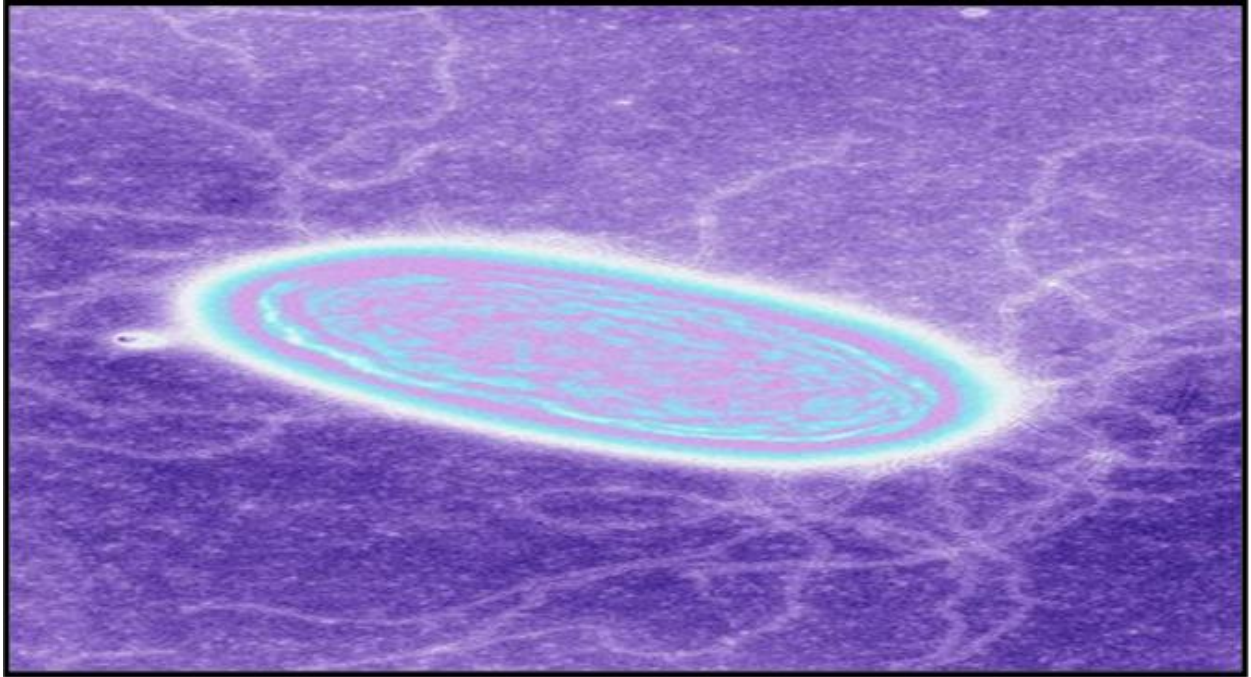
Kingdom: Fungi

Key to identify:

Kingdom: Protista or Protozoa

Key to identify:

Identify the Unknown Biological Material

Evidence:

1. Which group is it? **Prokaryotic** or **Eukaryotic** (circle one) Why?

   Why?

2. Which Kingdom is it? **Archaebacteria**, **Eubacteria**, **Fungi**, or **Protista/Protozoa** (circle one)

    Why?

Final Identification: _____

Spacegate Station Episode 2

King of the Lunar Kingdom

<u>Florida Next Generation Sunshine State Standards</u>

SC.6.L.14.1 Describe and identify patterns in the hierarchical organization of organisms from atoms to molecules and cells to tissues to organs to organ systems to organisms.

SC.5.N.1.1 Define a problem, use appropriate reference materials to support scientific understanding, plan and carry out scientific investigations of various types such as: systematic observations, experiments requiring the identification of variables, collecting and organizing data, interpreting data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.

SC.6.N.3.2 Recognize and explain that a scientific law is a description of a specific relationship under given conditions in the natural world. Thus, scientific laws are different from societal laws.

SC.6.N.3.3 Give several examples of scientific laws.

SC.6.N.3.4 Identify the role of models in the context of the sixth grade science benchmarks.

SC.7.N.3.2 Identify the benefits and limitations of the use of scientific models.

SC.8.N.3.1 Select models useful in relating the results of their own investigations.