

Name _____

Student Classifications

Develop a logical, useful galaxy classification system	4	_____
Clearly explain system, verbally and in writing	3	_____
Compare and their contrast system with others'	3	_____
Refine their system with others' input	3	_____

Total **13** _____

Hubble Tuning Fork

Classify galaxies on the Hubble Tuning Fork	9	_____
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Total **9** _____

Galaxy Clusters

Identify galaxies in a cluster	3	_____
Classify galaxies in the cluster	2	_____

Color-color diagram

Correctly graph data	3	_____
Graph Format (axis labeled, title, etc)	2	_____
Find blue and red galaxies	2	_____
Find early and late galaxies	2	_____
Draw separator line	1	_____
Compare data in diagram to universe as a whole	1	_____

Total **16** _____

Galaxy Spectra

Identify colors and types of galaxies in images	4	_____
Identify emission and absorption lines in spectra	4	_____
Relate spectral lines to images	4	_____

Total **12** _____

Total for project **50** _____

Supplemental Exercises

Evaluate important parameters in galaxy interactions: Question 1	5	_____
Create simulation to match observed data: Question 2	5	_____

Total **10** _____