

Get to Know the ALPHA SYSTEM!

Overarching Understanding:

Every discipline has its own systems of meanings or logic. To learn the systems underlying a discipline requires that our thinking be created and reshaped ethically to better understand ourselves and our world so that we can optimize our individual and collective potentials and contributions over time.

What? Make sense of the above in any way you need...look up words in the dictionary, talk to a friend, draw a picture, act it out.

Now...write the gist in your own words:

Definitions:

A **system** is a group of interactive, interrelated, or interdependent elements that form a complex whole.

All systems share certain properties: **elements, boundaries, input, output and interactions.**

System Generalizations:

- The interactions and outputs of a system change when its inputs, elements, or boundaries change
- Many systems are made of smaller systems
- Systems are interdependent
- All systems have patterns

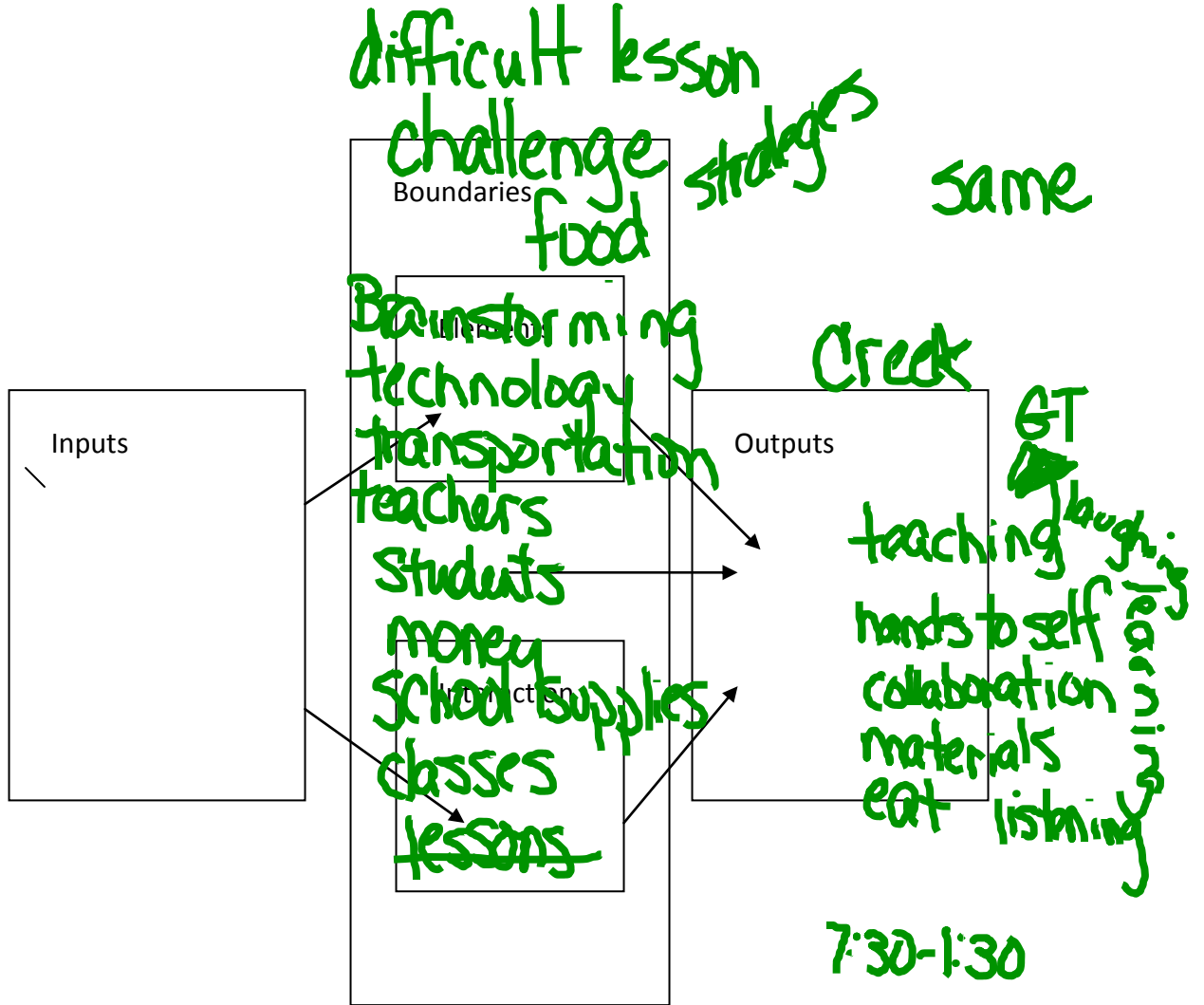
Our Alpha Webb system is a smaller system under the McKinney Independent School District. We could look at each of our classrooms as a system and there are even smaller systems such as your Alpha Olympics team. There are many ways to organize and analyze systems just looking at ALPHA here at Webb.

Consider the system of ALPHA. Define the properties and give examples on the attached diagram.

System Title: _____

Be Creative!

rules doors/
walls



For Example:

Input -- schools that come on Mon/Tues and Wed/Thur; bus numbers, etc.

Boundaries/Elements -- classroom numbers; subjects, etc.

Output -- knowledge; concepts; emotional well-being, etc.