

## Questions for Formulating Significant Learning Goals

"A year (or more) after this course is over, I want and hope that students will..."  
Have a solid foundation of blended learning experiences and skills to apply that knowledge in real world authentic learning experiences in their future.

My Big Harry Audacious Goal (BHAG) for the course is:

Learners will create an ePortfolio to share their work, reflect on their growth and develop their voice in a blended learning environment.

### **Foundational Knowledge**

- What key information (e.g., facts, terms, formulae, concepts, principles, relationships, etc.) is/are important for students to understand and remember in the future?
  - Numbers 0-20
  - Represent
  - Addition
  - Subtraction
  - Sum
  - Difference
  - Manipulatives
  - Alphabet
  - Write
  - Read
  - Uppercase
  - Lowercase
  - Counting Forward
- What key ideas (or perspectives) are important for students to understand in this course?
  - There are different ways to make numbers.
  - Letters/Words/Sentences
  - There are different tools and skills used to add and subtract.
  - Letter/Sound knowledge and application
  - Counting forward / Alphabetical order
  - Correct number and letter formation

### **Application Goals**

- What kinds of thinking are important for students to learn?
  - Creative and practical
- Critical thinking, in which students analyze and evaluate
  - The application of number and letter knowledge
- Creative thinking, in which students imagine and create

- The use of different manipulatives and skills to represent numbers.
- Different letters make words, words make sentences. Creative writing
- Practical thinking, in which students solve problems and make decisions
  - Addition and subtraction
  - Decoding/Syllables
- What important skills do students need to gain?
  - How to represent numbers/letters
  - Addition/Subtraction - (Part/Part/Whole, take away, use of fingers, etc.)
  - Decoding
  - Rote Count/Alphabetical Order
  - Number/Letter formation
- Do students need to learn how to manage complex projects?
  - No.
  - Manage multiple ideas within the project rather than complex.

### **Integration Goals**

- What connections (similarities and interactions) should students recognize and make...:
  - Numbers and letters have a meaning.
  - Addition and subtraction. Same concept different strategies
- Among ideas within this course?
  - A solid foundation with numbers will lead to deeper connections with units in the future.
  - A solid foundation of letters will lead to deeper connections with units in the future.
- Among the information, ideas, and perspectives in this course and those in other courses or areas?
  - Numbers are the foundation to all units, courses, and basic life.
  - Letters are the foundation to all units, courses, and basic life.
- Among material in this course and the students' own personal, social, and/or work life?
  - As stated above, numbers and letters are important to one's basic functionality of life. Without a deep understanding of these seemingly basic skills, there is nothing to build upon.

## Human Dimensions Goals

- What could or should students learn about themselves?
  - The major impact that numbers and letters will play in their life now and forever.
- What could or should students learn about understanding others and/or interacting with them?
  - Others will have different ways they will represent numbers and understanding that that is okay and still correct will allow them to interact with others in an open-minded manner.
  - They will all be applying the same skills but creating their individual writing pieces.

## Caring Goals

- What changes/values do you hope students will adopt?
  - Feelings - confidence in their math/reading skills
  - Interests - a love for real world projects/opportunities
  - Values - failing forward, growth mindset

## "Learning-How-to-Learn" Goals

- What would you like for students to learn about:
- how to be good students in a course like this?
  - Failing doesn't mean you're a failure; failing means you are learning.
- how to learn about this particular subject?
  - The importance of numbers and letters.
- how to become a self-directed learner of this subject, i.e., having a learning agenda of what they need/want to learn, and a plan for learning it?
  - A blended learning classroom will allow students to be self-directed learners that fail forward and crave real world learning opportunities.