Unit 2 Journal

Complete the following as you come to them in class.

What are the steps you use to solve a problem? brain storm. figure out how to do it then put the plan into motion then fix it

U2 Days 1-2

How is solving this kind of problem the same/different from how you solve a problem in “real life”?

U2 Day 3 (no content)

How high can you count with your ten finge rs? 10

U2 Days 10-12

What message is being sent with the Christmas tree lights?

U2 Days 10-12 (see bottom of journal)

List examples of where it matters whether items are in order (sorted).

binary search because, the computer needs the files to be in order to work.

the phone book

books in the library

U2 Days 15-16

day1 research the way garbage is disposed in the city then, find out the problems of the system then act accordingly.use citizens feed back to find out how many garbage cans are on every corner find out how many garbage pick up days there are. then put garbage cans where there aren't any make sure garbage cans are easy to reach and recycling cans too. make sure there is at least two garbage days and use anyone who needs community serves hours work on picking up the trash. then use citizen feed back on the garbage problem and see how well it's doing

U2 Days 1-2

day2

candy bar activity

6 use a ruler tp figure out how long the twirler is then divide6 and cut accordingly

U2 Day 3

Xmas tree message activity below

help

8 5 12 16

i m

9 13

trapped

20

a b c d e f g h i j k l m n o p q r s t u v w x y z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

mores code

9 10 17 2 31

0.

1001 1010 1001 10 11111

U2 Days 10-12

lego tower

5 stack week 2 stacks of two 1 stack left over. week 2 1 stack of 4 1 floor of 1 left over. week 3 1 stack of 5

stack of 10 week 1 5 stacks of 2. week 2 2 stacks of 4 one stack left over. week three one stack of 8 one stack of 2 left over. week four one stack of ten

stack of 20 week 1 10 stacks of 2. week 2 5 stacks of 4 . week three 2 stack of 8 one stack of 4 left over. week four one stack of 16 one stack of 4 left over week five one stake of 20

stack of a 100 week 1 50 stacks of 2 week 2 25 stacks of 4 . week three 12 stacks of 8 one stack of 4 left over. week four 6 stacks of 16 1 stack of 4 left over week 5 3 stacks of 32 1 stack left over week six 1 stack of 64 one stack of 36 one stack left over

U2 Days 13-14