Silly Science - Classification and Dichotomous Keys

<u>Background Information</u>: a dichotomous key is a valuable tool that can be used to identify many objects. The key is designed based on asking a series of questions where the answer to the first question leads you to the second question and so on until you have identified your unknown object. Dichotomous keys can be designed to classify any types of objects.

<u>Directions:</u>

1. Use the dichotomous key to find the silly name for all your objects.
2. Pick one object from the list below to "identify".
3. Start at question 1 and choose either 1a or 1b depending on which fits the object you are trying to identify.
4. Then go to the next question indicated.
5. Continue this until you find the silly name of your object.
6. Repeat until you find the silly name for all your objects.

Follow the questions to find the silly science name of your objects

1a. Item is 10cm or more in any dimension…………………………	go to 2
1b. Item is less than 10cm in any dimension ………………………..	go to 5
2a. Item has wooden parts…………………………………………..	go to 3
2b. Item does not have wooden parts………………………………	go to 5
3a. Item has a pointed edge ……………………………………	Widget
3b. Item does not have a pointed edge……………………………	go to 4
4a. Item is flat……………………………………………………	Gadget
4b. Item is rounded………………………………………………..	Wadget
5a. Item has a spherical shape……………………………………	go to 6
5b. Item is not spherical…………………………………………	go to 7
6a. Item is white in color…………………………………………	Whatnot
6b. Item is not white in color …………………………………..	Fancy Whatnot
7a. Item is a writing instrument…………………………………..	go to 8
7b. Item is not a writing instrument………………………………	go to 9
8a. Item is white in color ………………………………………	Screecher
8b. Item is not white in color……………………………………	Squealer
9a. Item is partly or completely made of metal……………………	go to 10
9b. Item does not have metal parts………………………………	go to 11
10a. Item is more than 3cm in length……………………………	Super Duper
10b. Item is less than 3cm in length……………………………...	Itsy Bitsy
11a. Item is soft or flexible………………………………………	Oopsey
11b. Item is not soft or flexible…………………………………..	Cubey