Working Like a Scientist Work Sheet

Name _____ Class_____

1.Which branch of science do you think the following scientists studied?

a. Errol Morris _____ c. Thomas P. Lecky_____

b. Manley West _____ d. Paula Tennant _____

2.Observe the pictures below

A

B

C

I. Name the field of science that each picture above is depicting.

A.	**B.**	**C.**
Geology	**Geology**	**Botany**
Astronomy	**Zoology**	**Astronomy**
Zoology	**Botany**	**Zoology**

II. What is the name given to the scientist that studies each of the things in picture **A, B** and **C**?

A.	**B.**	**C.**
Zoologist	**Geologist**	**Astronomer**
Astronomer	**Chemist**	**Botanist**
Meteorologist	**Zoologist**	**Physicist**

3.Which picture (A,B or C) is depicting the field of science studied by

i. Paula Tennant? _____

ii. Dr. T. P. Lecky? _____

iii. Dr. Manley West? _____

4.Drag and drop the science process skill beside its correct meaning.

Interpreting **Experimenting** **Formulating Hypothesis** **Communicating**

Recording, **Inferring** **Reporting** **Observing** **Measuring** **Drawing**

Meaning	**Process Skill**
a. Making a deduction or conclusion based on evidence and reasoning	
b. Making a picture that looks like the real thing or specimen	
c. Conveying through information obtained through oral or written means to the scientific community	
d. Performing scientific investigations	
e. Using units to describe the size, shape, or amount of something	
f. Making an educated guess or a general statement about an observation	
g. Describing results, events or observations obtained from scientific research	
h. Isolating and explaining results, identifying patterns and come to a conclusion about the data	
i. The documentation of data and observations in a variety of forms in order to preserve it for later use	
j. Using your five senses to describe the appearance, sound, odour etc. of things in your environment	

5.Write **YES** if the picture is showing an example of technology and **NO** if it is not

6.Identify the science process skill that is being used in EACH picture below