

K-W-L Chart

K What we think we know about Earth Science	W What we want to know about Earth Science	L What we have learned about Earth Science

Concept Map

		<u>Science</u>		
<u>Life Science</u>		<u>Physical Science</u>		<u>Earth Science</u>
Botany		Chemistry		Astronomy
Zoology		Physics		Geology
Biology				Oceanography
				Meteorology

Note: This is a basic concept map. It can be extended to include more details and subsets.

Poster Project Rubric

4 - The poster correctly identifies Oceanography, Geology, Meteorology and Astronomy as Earth Sciences. The poster contains a minimum of two drawings to model each category.

3 - The poster correctly identifies Oceanography, Geology, Meteorology, and Astronomy as Earth Sciences. The poster has at least one drawing for each category.

2 - The poster correctly identifies at least two categories and has at least one drawing for each category.

1 - The poster correctly identifies one category of Earth Science and provides a descriptive drawing.

Journal Response

- Question: “Why is it important to be able to share information made available to us by science? Give one example to support your answer.”
- Answers will vary. The students should construct a response that is similar to the following:

It is important for everyone to be able to share and use the information that is made available to us by science because we can better understand the world in which we live. If someone makes a good discovery, it is important for them to share it with others so that the world can benefit from it. For example, if the person who discovered the cure for polio did not share his discovery, then scientists might still be searching for a cure and many people may have died from the disease.

Goal 3 Standards Checklist: This checklist can be used in conjunction with the K-W-L activity and the poster project.

Name:	Yes	No
Used the information from the boxes and the concept map to create an informative poster.		
Worked cooperatively with others during the K.W.L. activity and the learning box discoveries.		

(A sample checklist for the entire class can be found on the next page.)

Goal 3 Standards Checklist

NAME	Used the information from the boxes and the concept map to create an informative poster.		Worked cooperatively with others during the K-W-L activity and the learning box discoveries.	
	YES	NO	YES	NO
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				