

Concept Mapping

***TCH 347 Social Studies in the
Elementary School***

Han Liu, Ph.D.

Question

- Draw a graphic organizer that you think will be effective to teach the concept cluster: water, soil, plants, animals, minerals, and natural resources.

Enjoy the Diversity

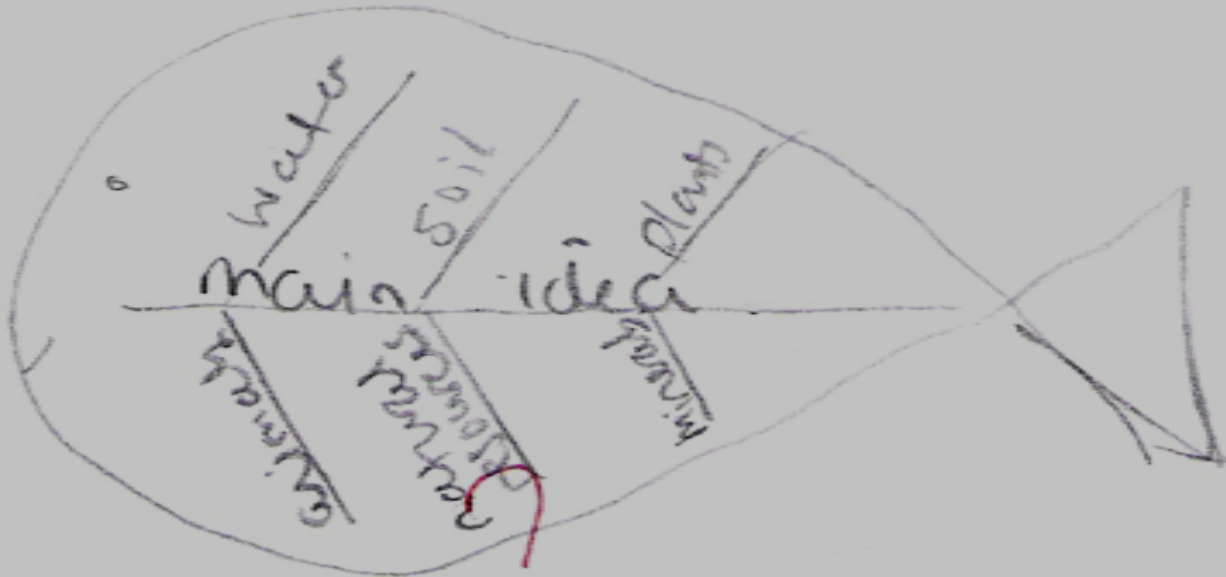
KWL

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources*. (2 points)

	K	W	L
Water			
Soil			
Plants			
Animals			
Minerals			
Natural Resources			

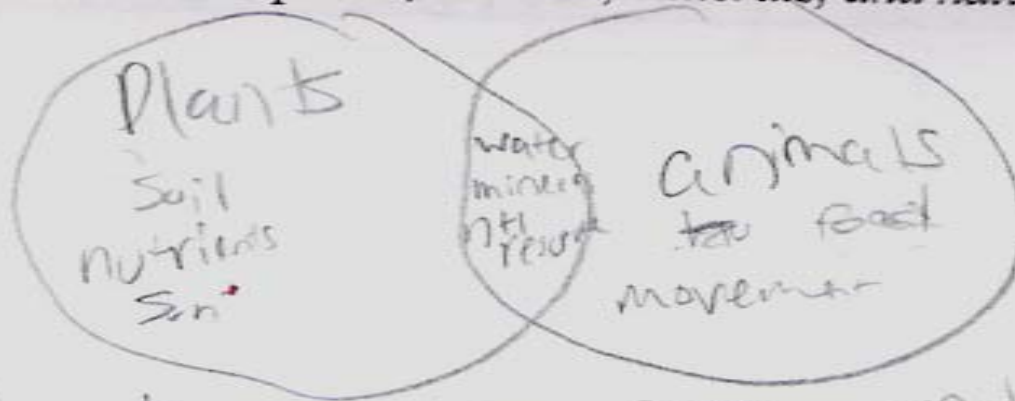
Fishbone

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources.* (2 points)



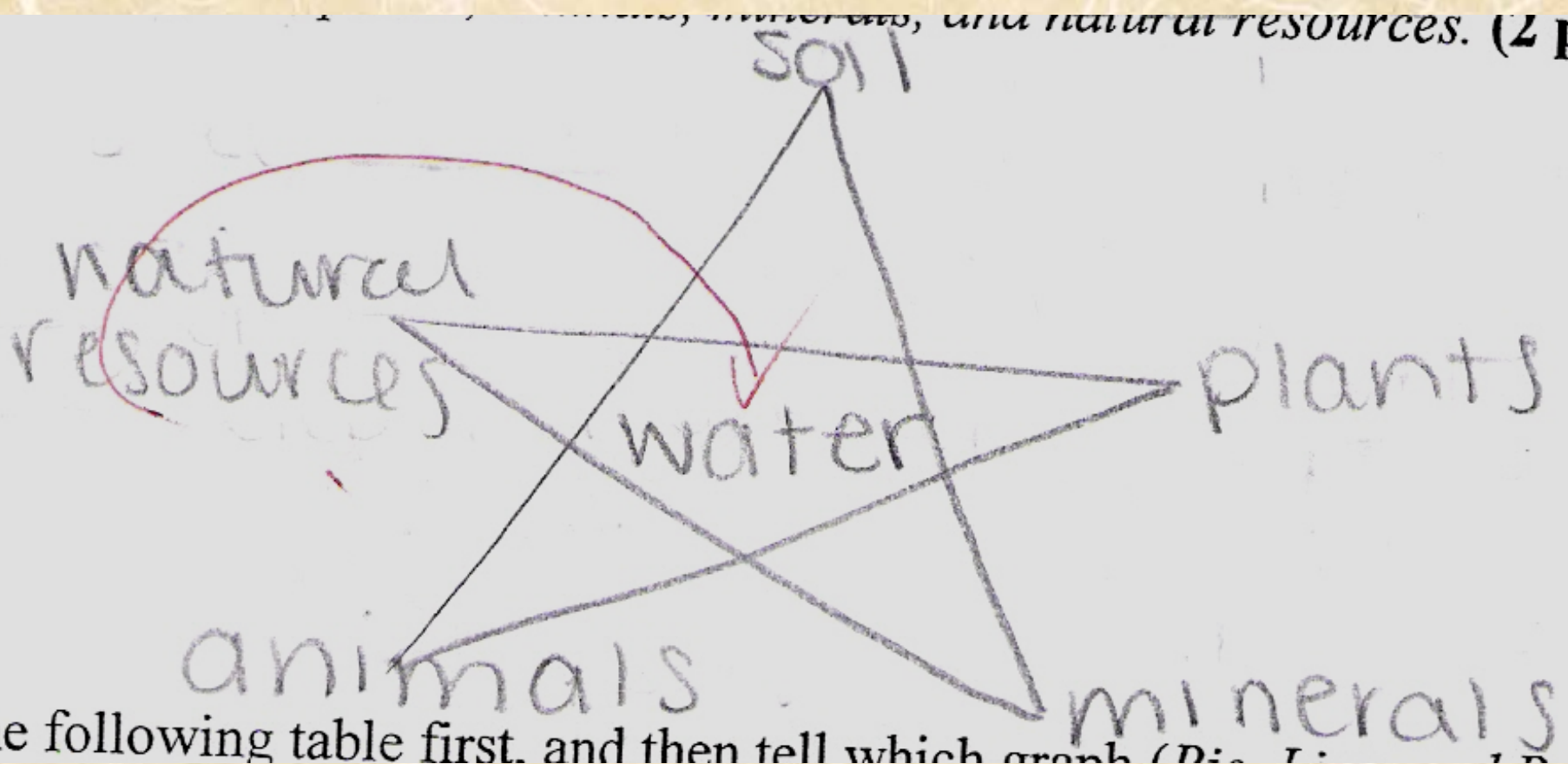
Venn Diagram

cluster: *Water, soil, plants, animals, minerals, and natural resources.* (2 points)



I would do a compare and contrast to decide what students knew about animals then knew about plants.

Five Star

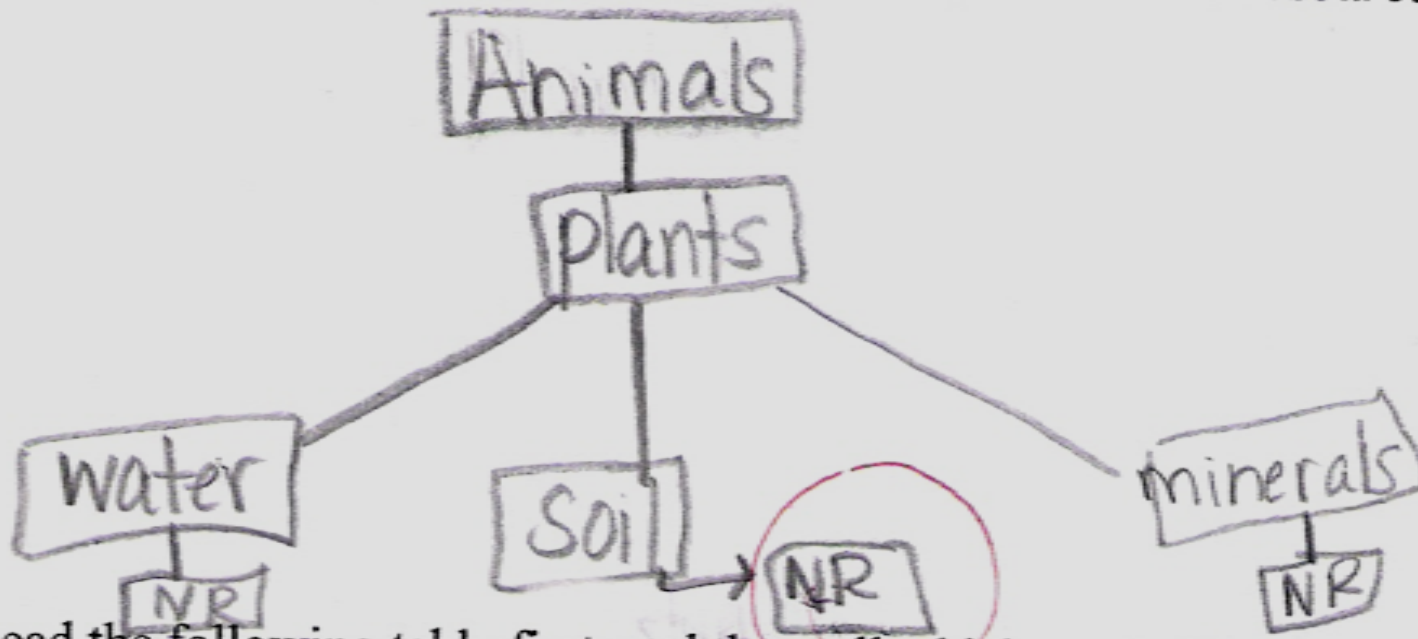


..., minerals, and natural resources. (2 po

the following table first, and then tell which graph (Di...

Hierarchy

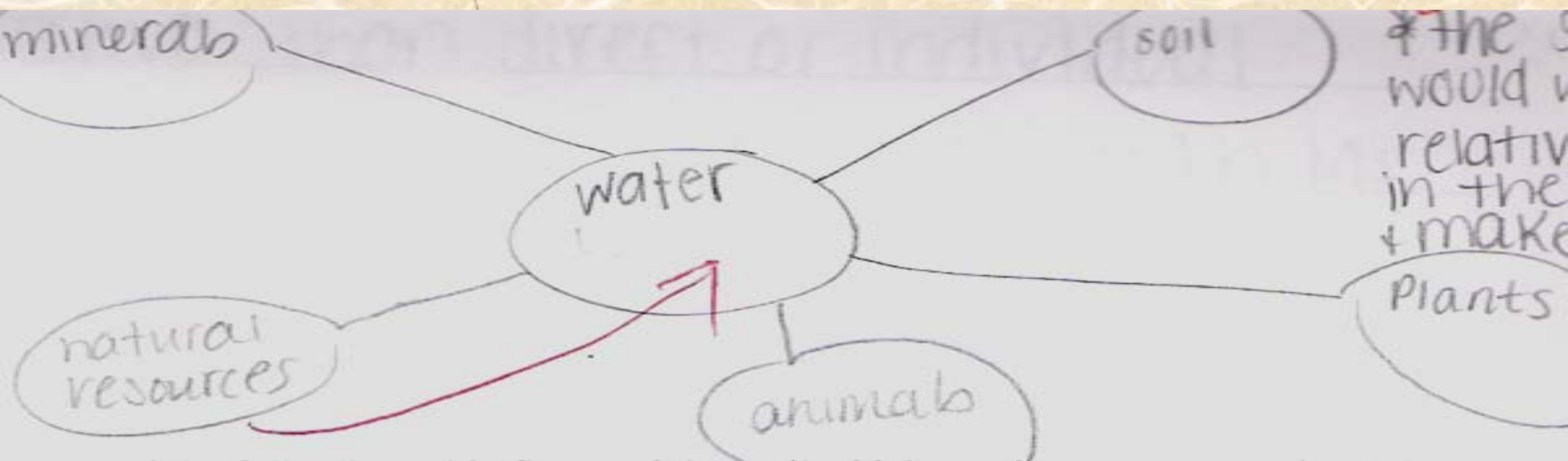
Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources.* (2 points)



NR = natural
Resou

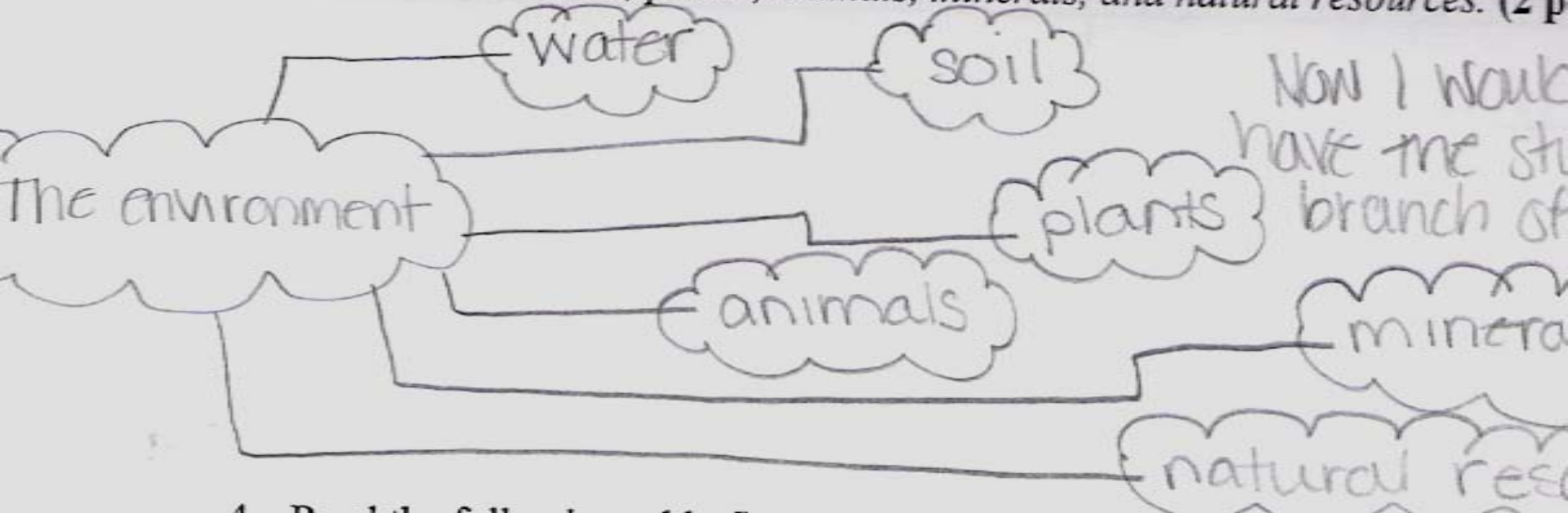
Read the following table first and then fill in the

Spider

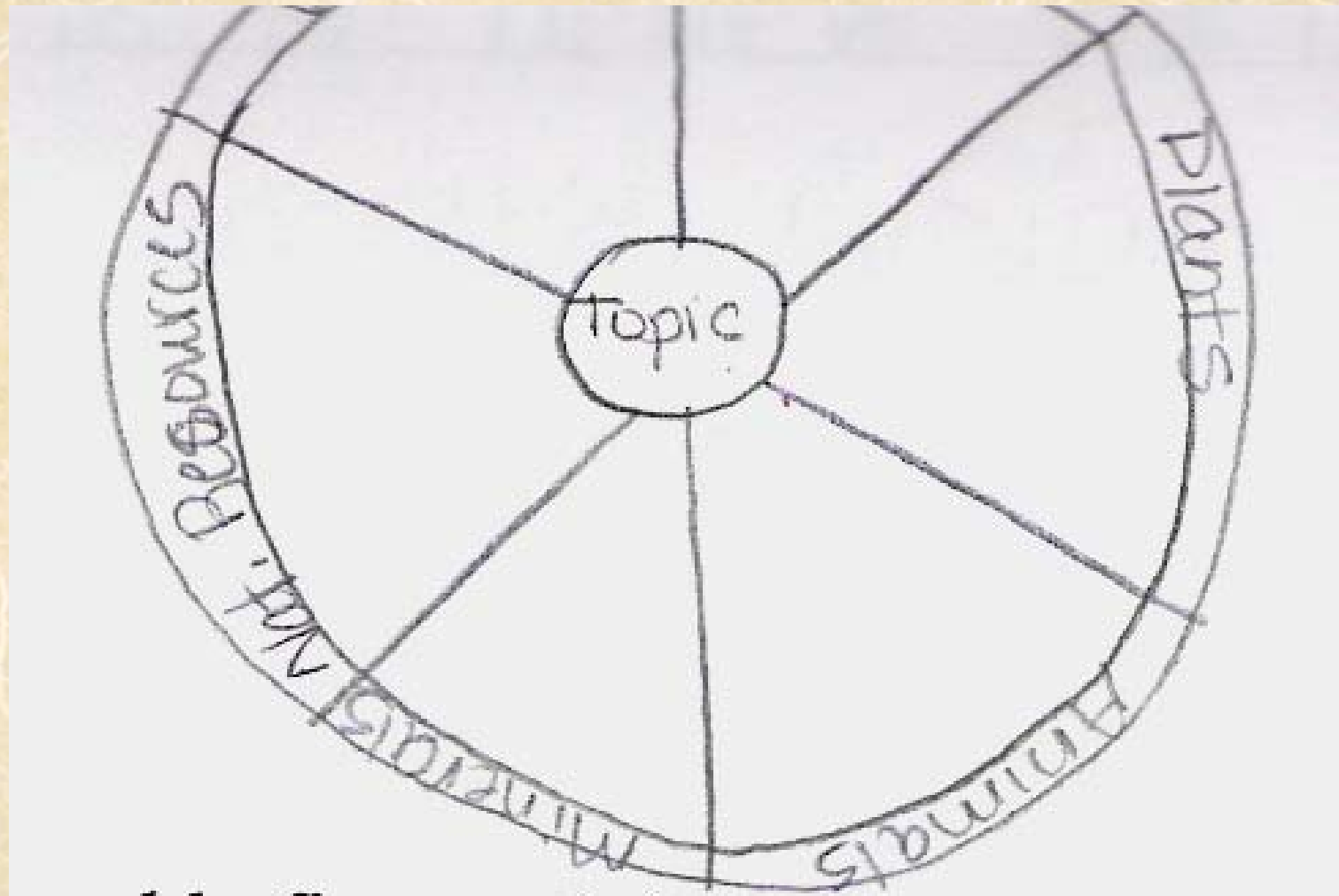


Spider

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources.* (2 p

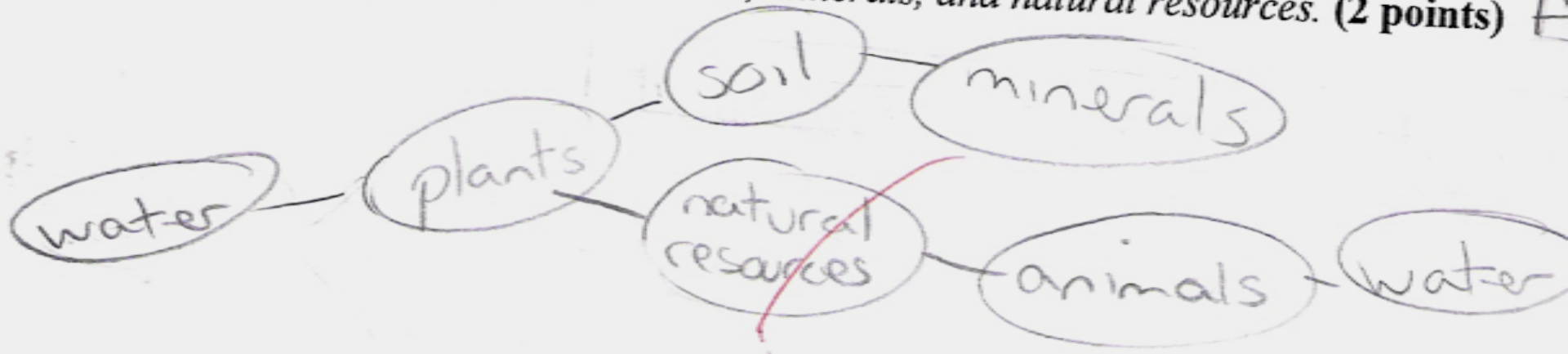


Spider

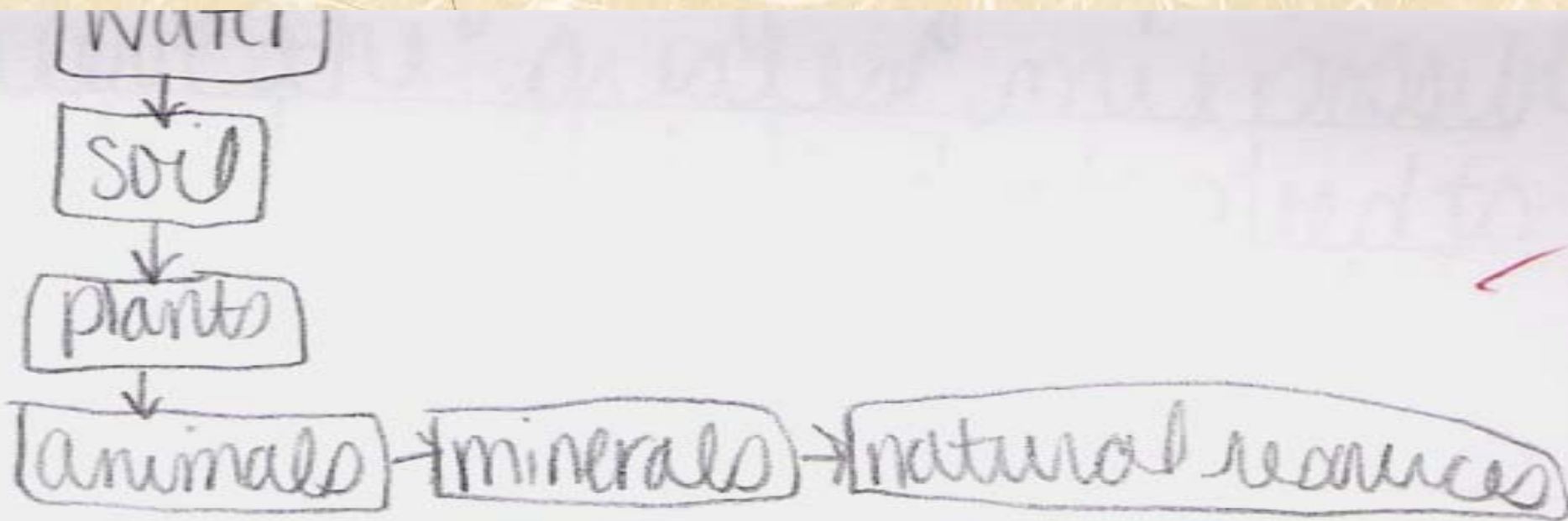


Chain

..., plants, animals, minerals, and natural resources. (2 points)



Chain



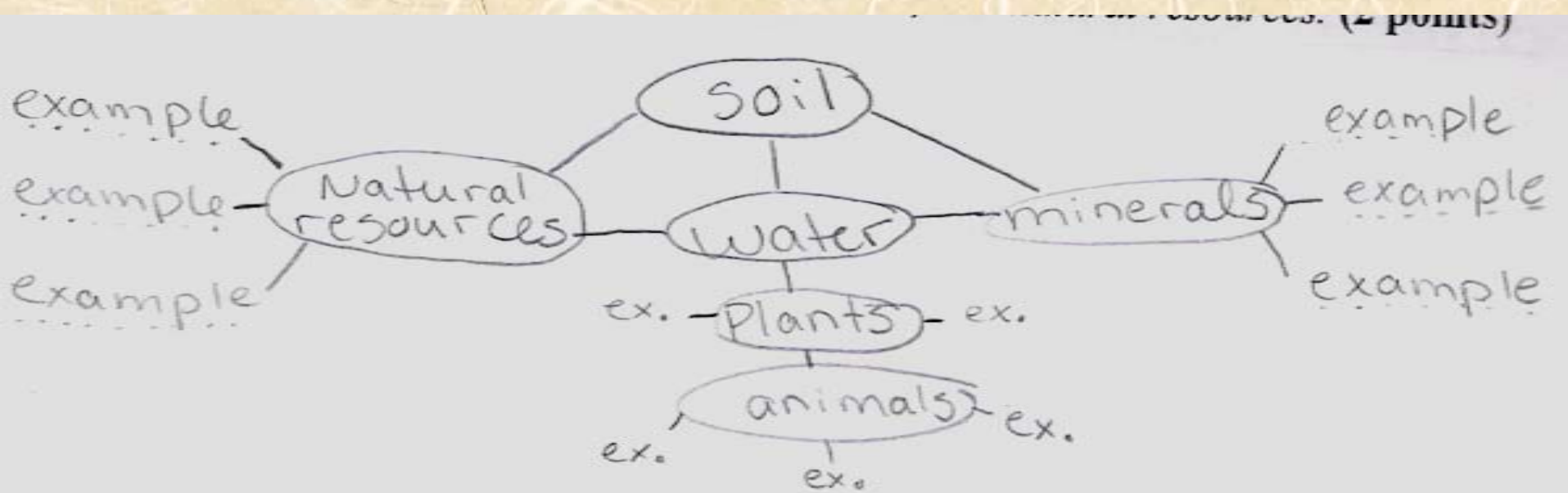
Chain

Everything is linked

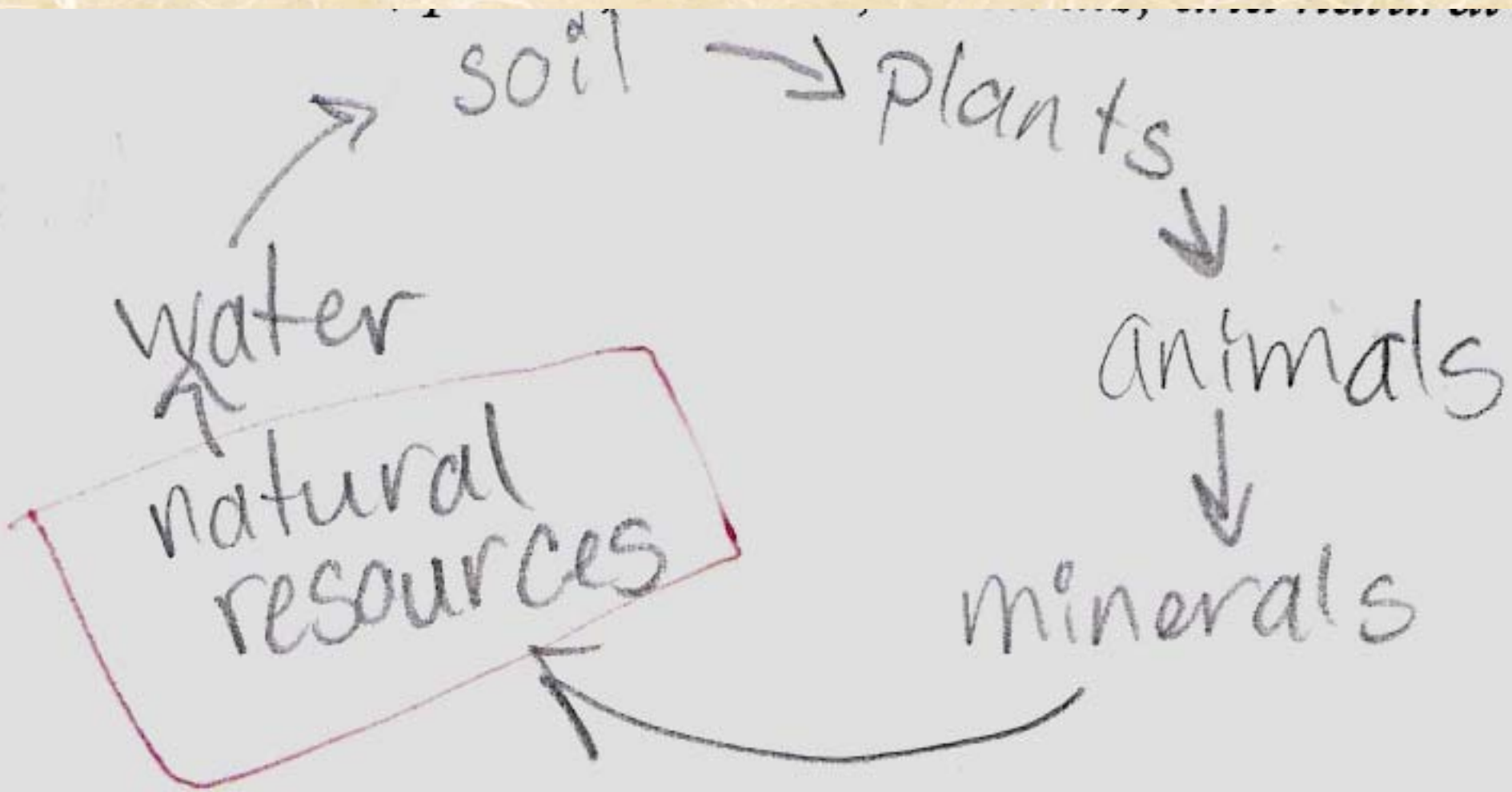
oil → water → plants → animals

all in one chain. Students natural resources

Chain-Spider



Cycle



Cycle-Category

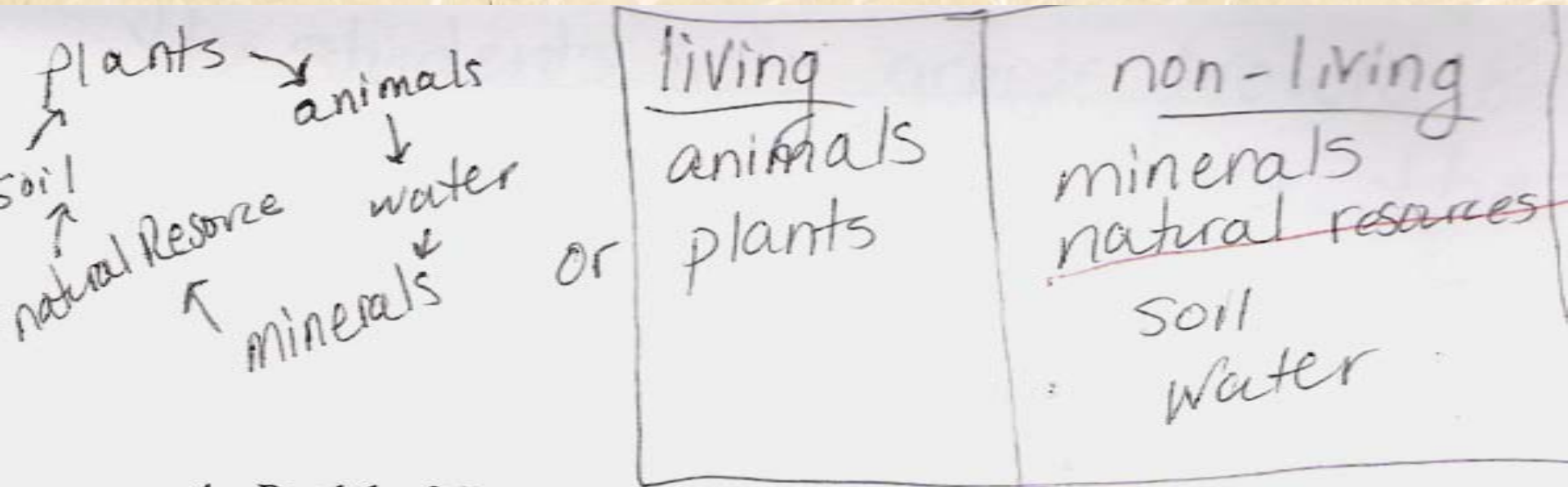
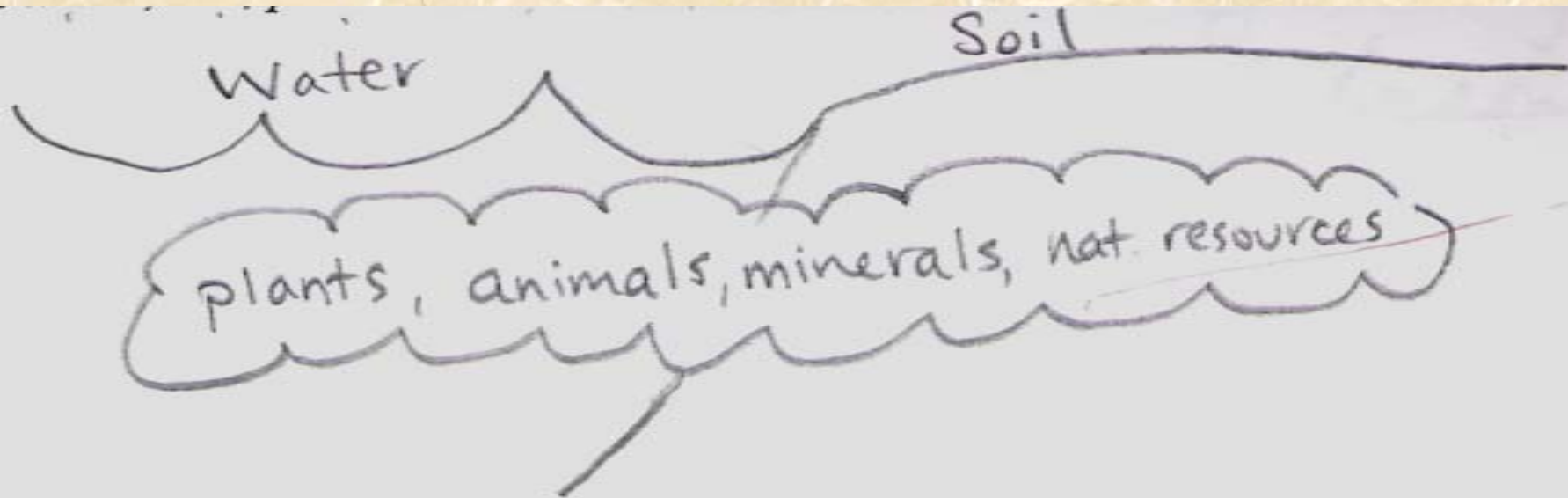


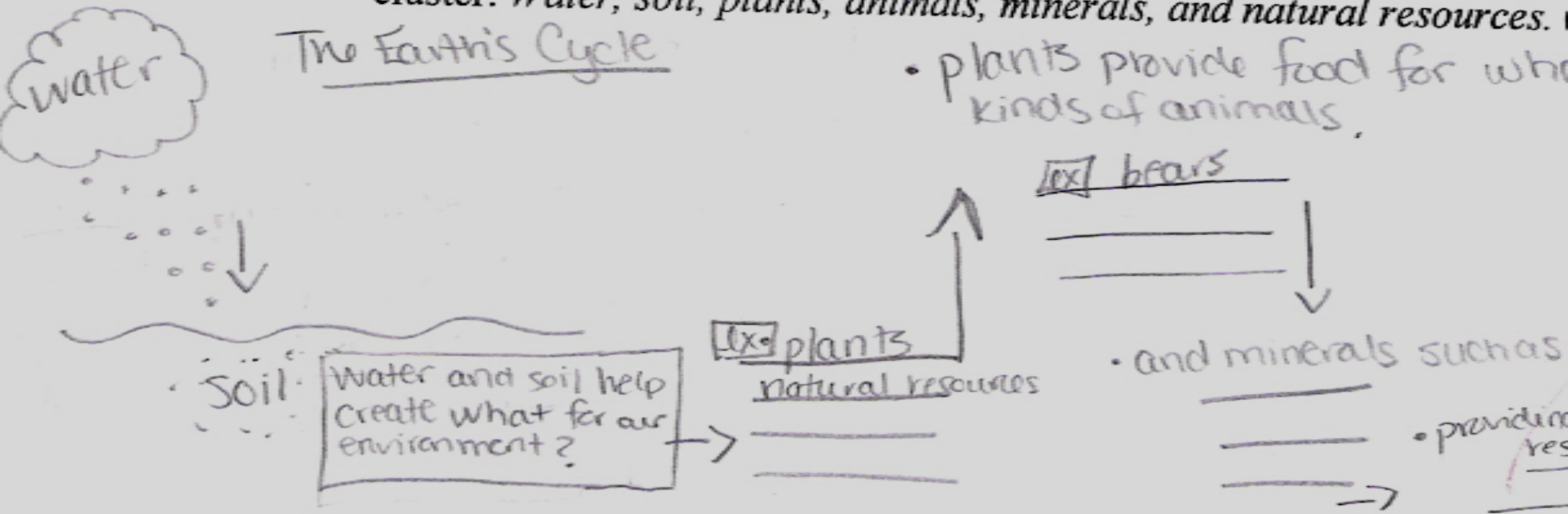
Diagram Group

Diagram



Diagram

3. Draw a graphic organizer that you think will be effective to teach the cluster: *Water, soil, plants, animals, minerals, and natural resources.*



Diagram

Living Things

- plants
- animals



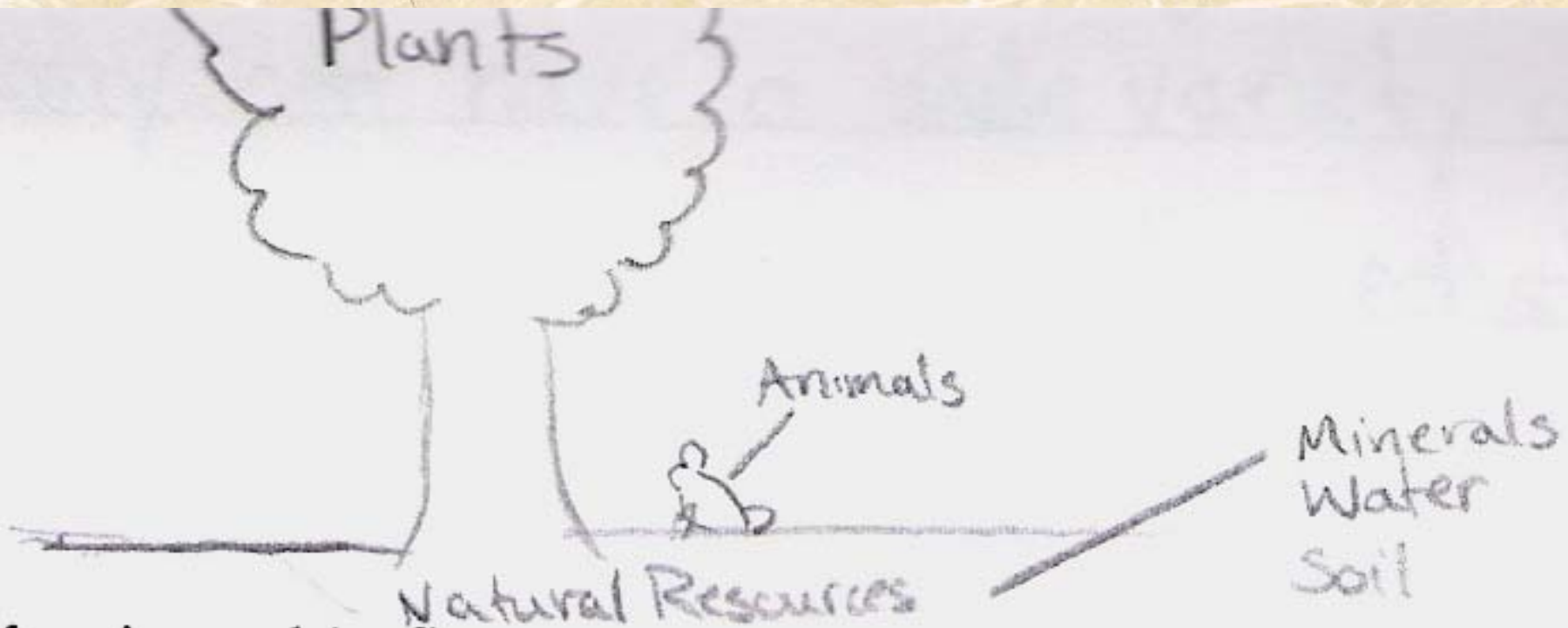
Help Living Things survive

- water
- soil
- minerals

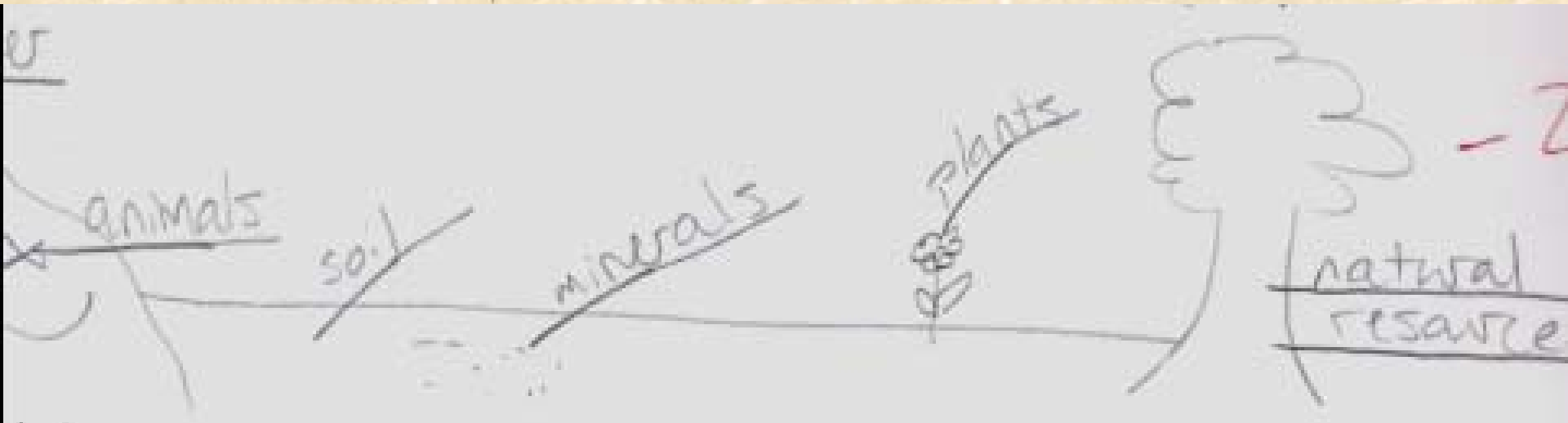
Natural Resources

Read the following...

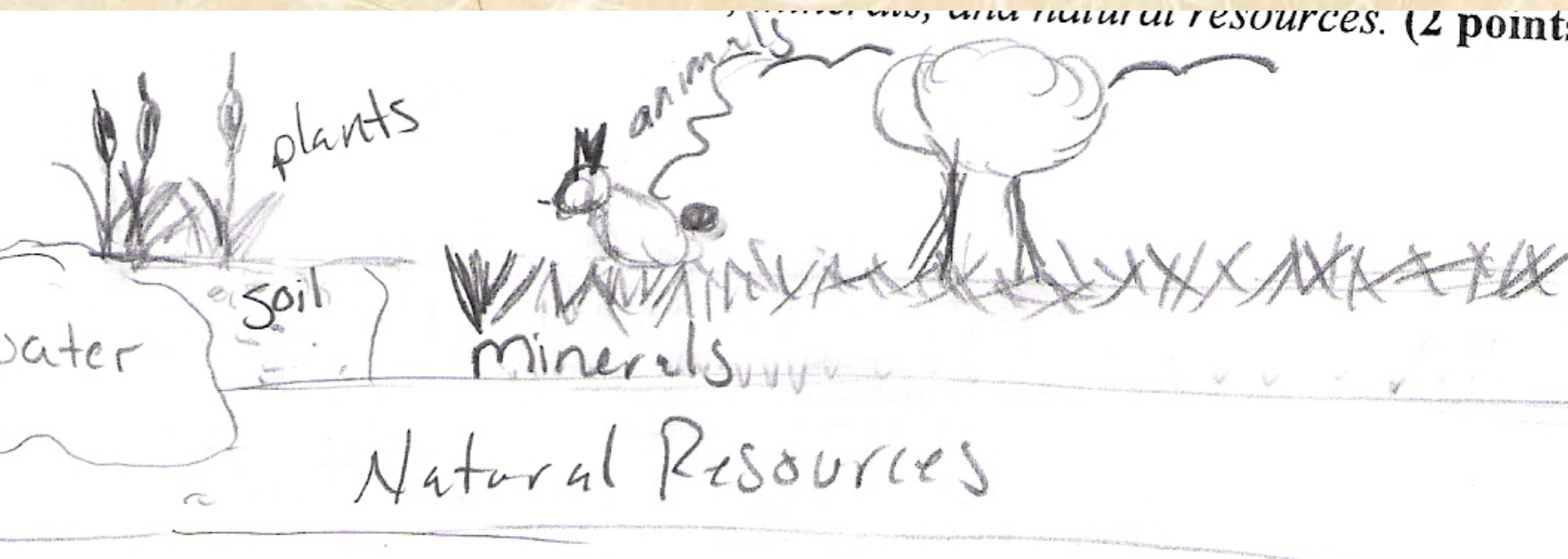
Diagram



Diagram



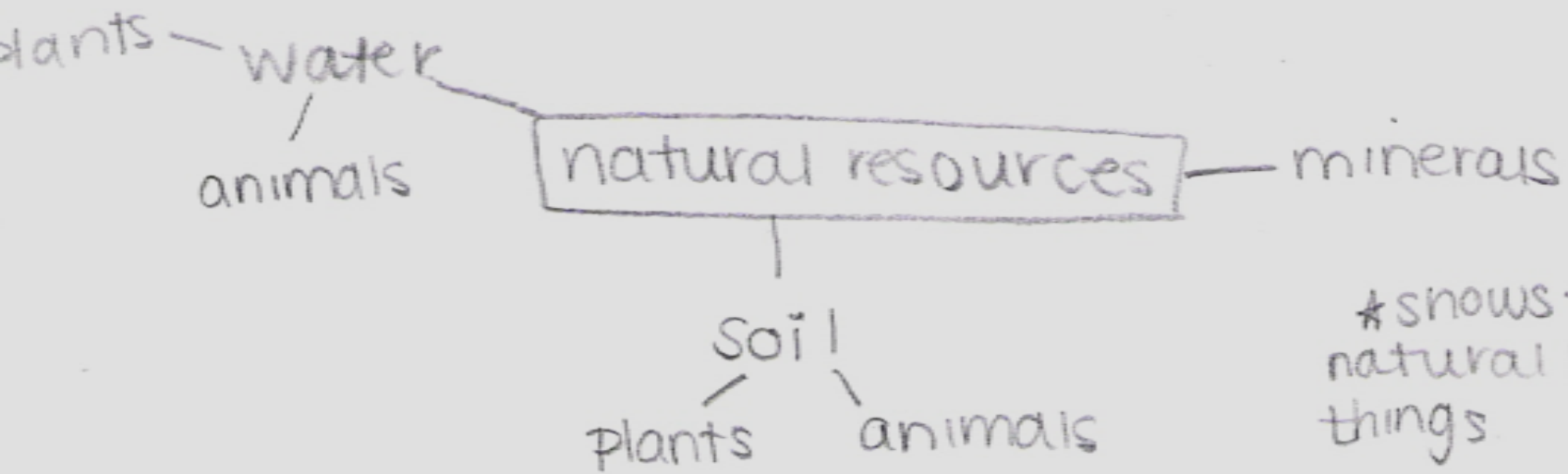
Diagram



Closer to the Correct Answer

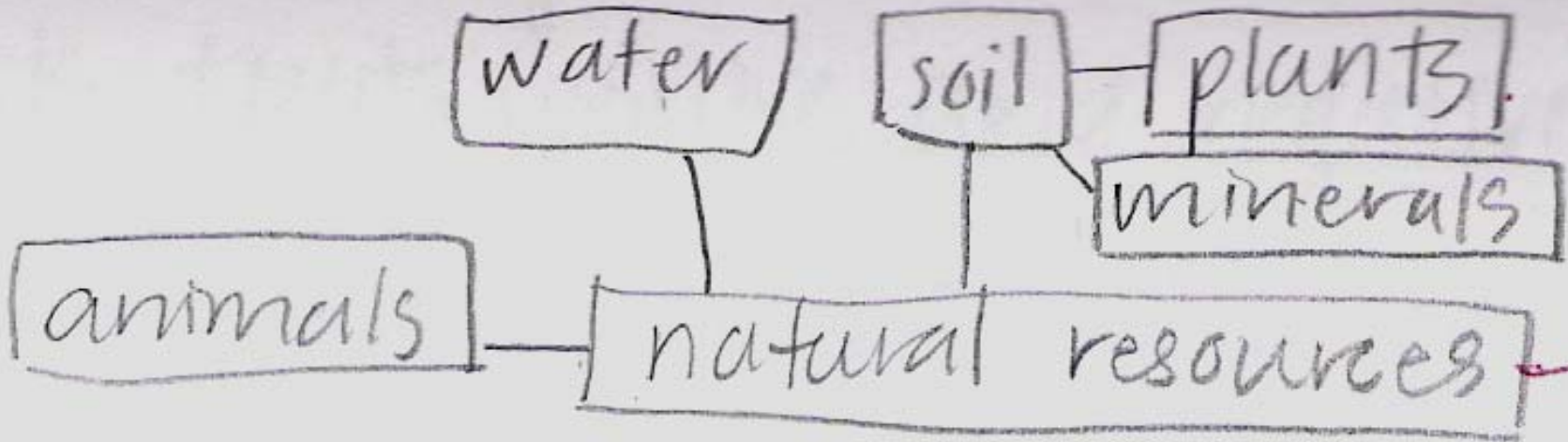
Multi-Level Spider

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources*. (2 points)



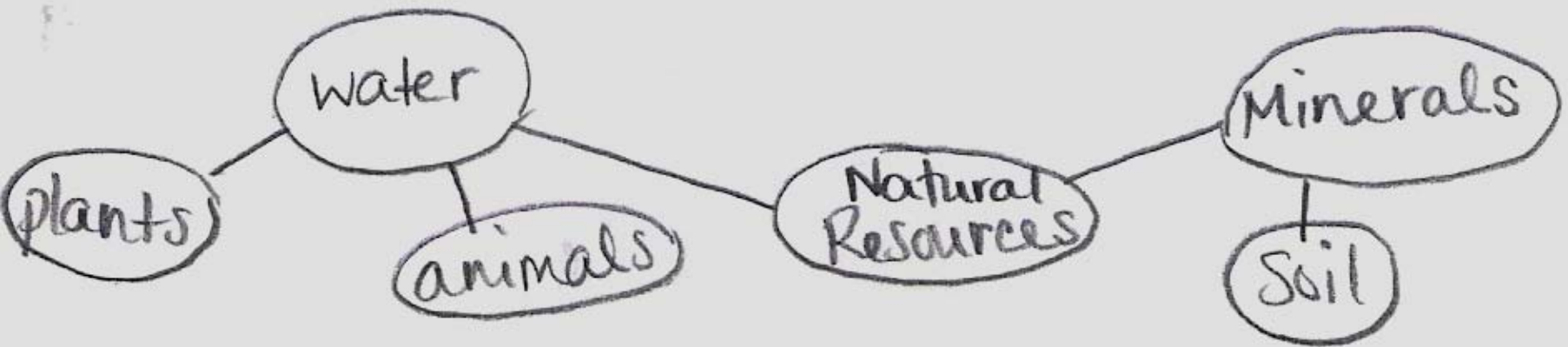
* shows the link natural resource things.

Multi-level Spider

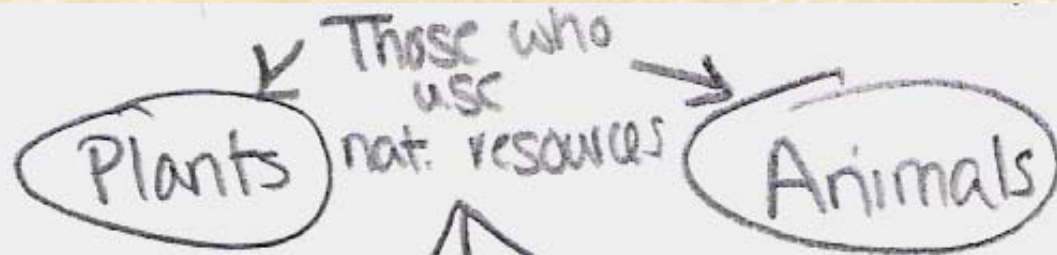


Chin-Spider

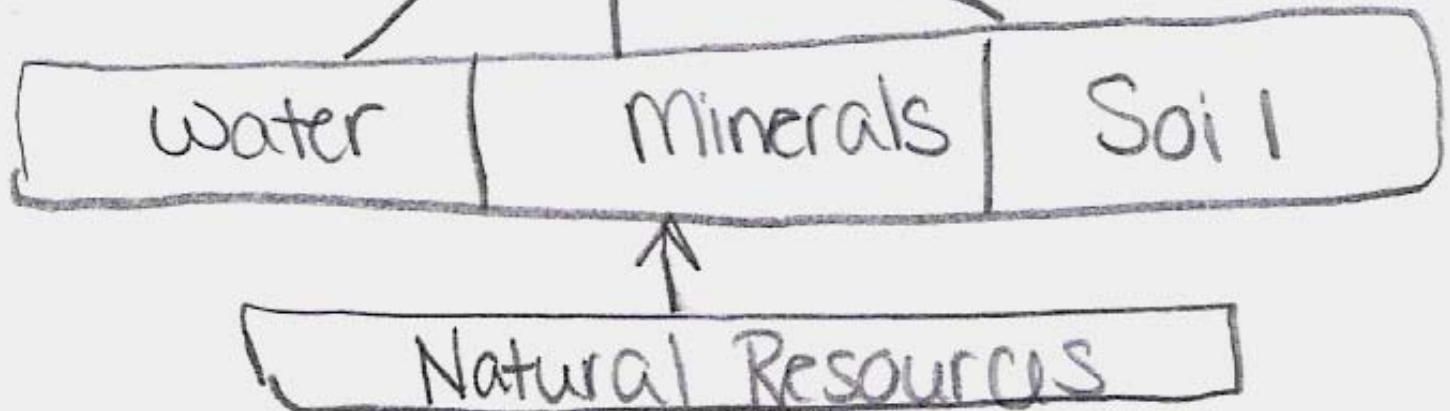
3. Draw a graphic organizer that you think will be effective to teach the cluster: *Water, soil, plants, animals, minerals, and natural resources*



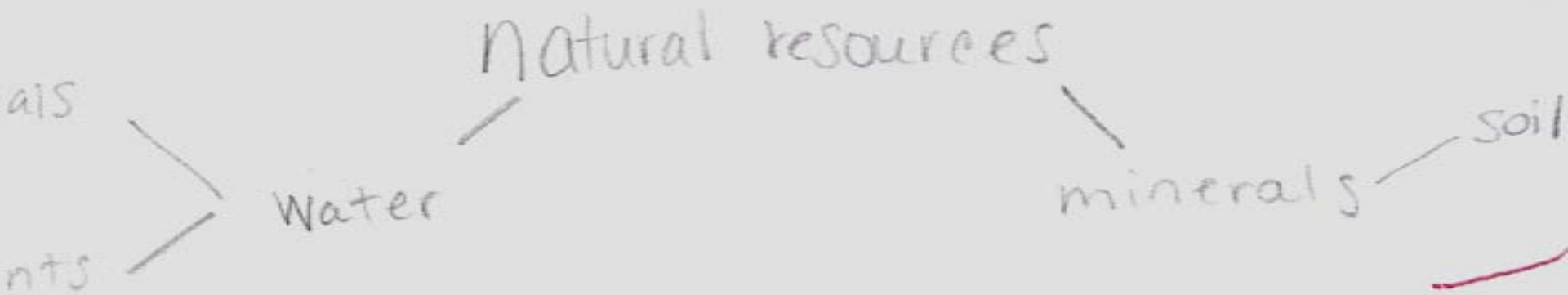
Chain



Examples:



Spider

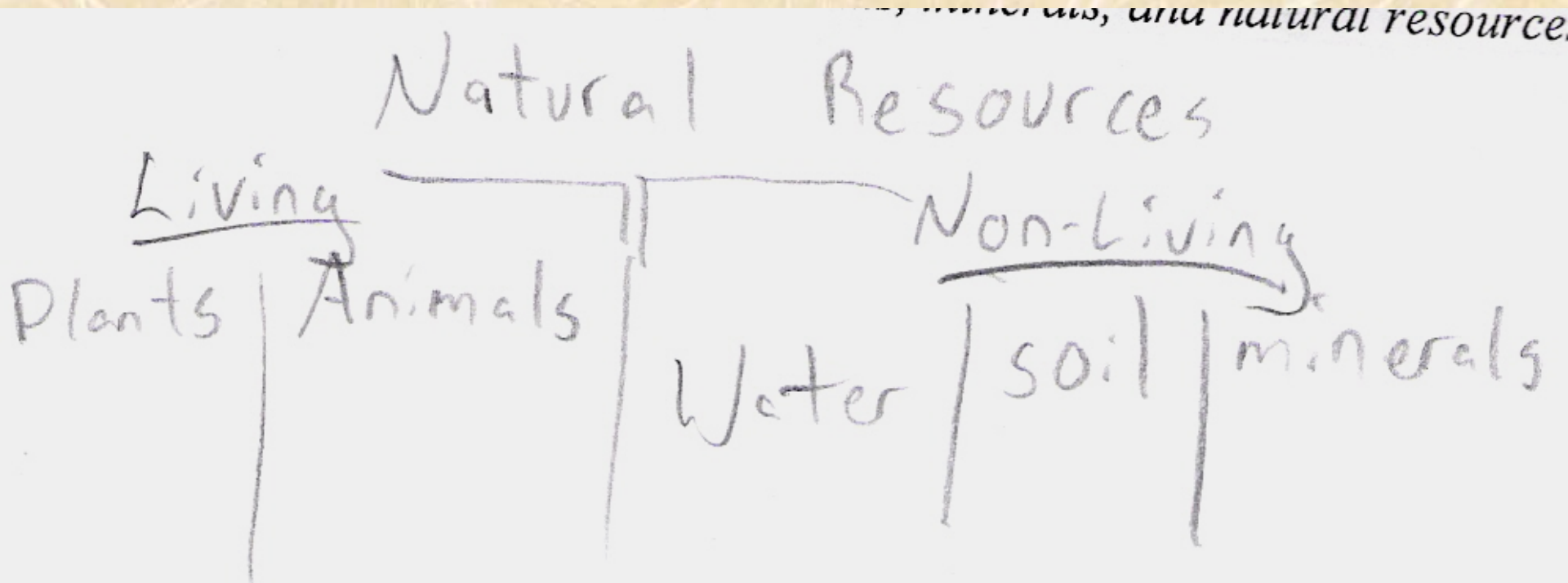


Category

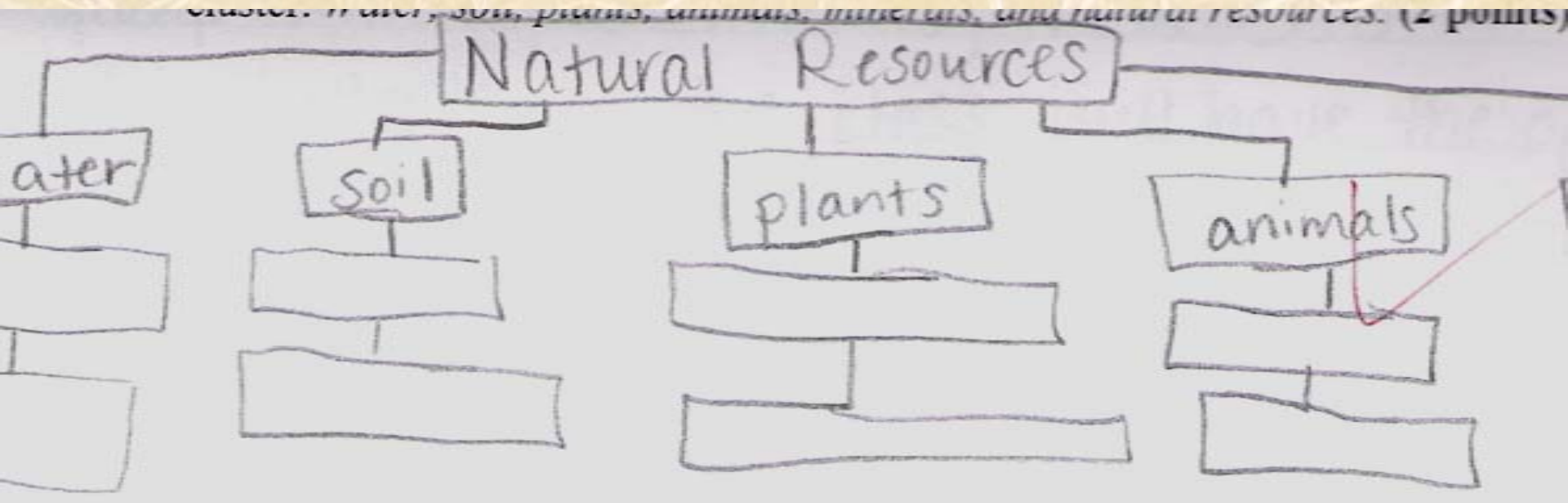
Natural Resources	Needs	plied
Water Soil Plants animals Minerals	minerals Soil, water, air, minerals, water, plants	fras And sin

Acceptable Category

Hierarchy - OK

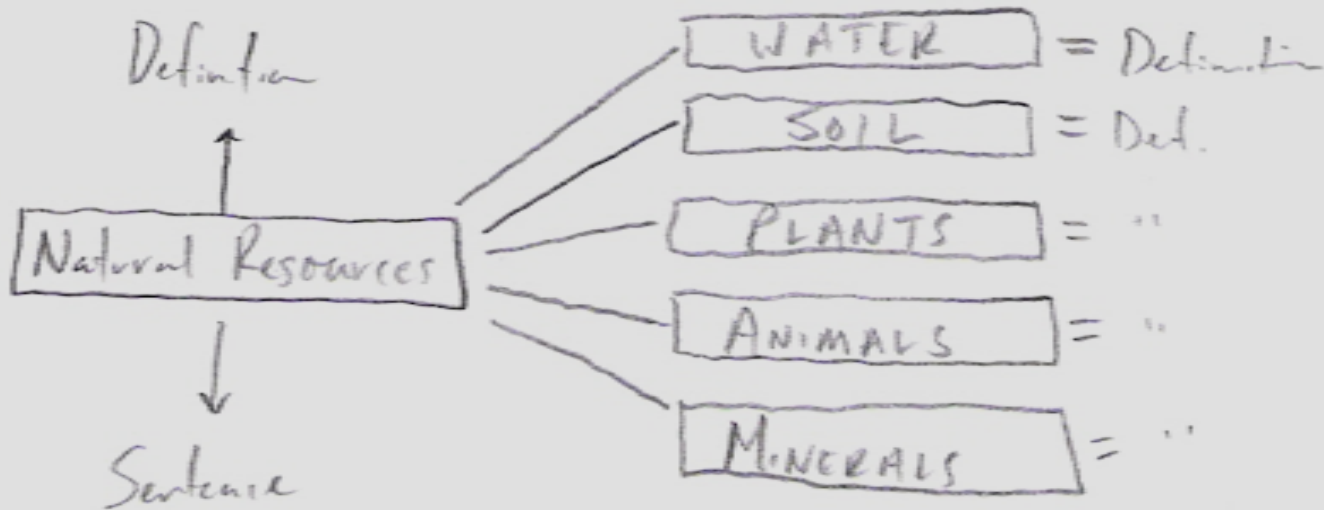


Hierarchy - OK

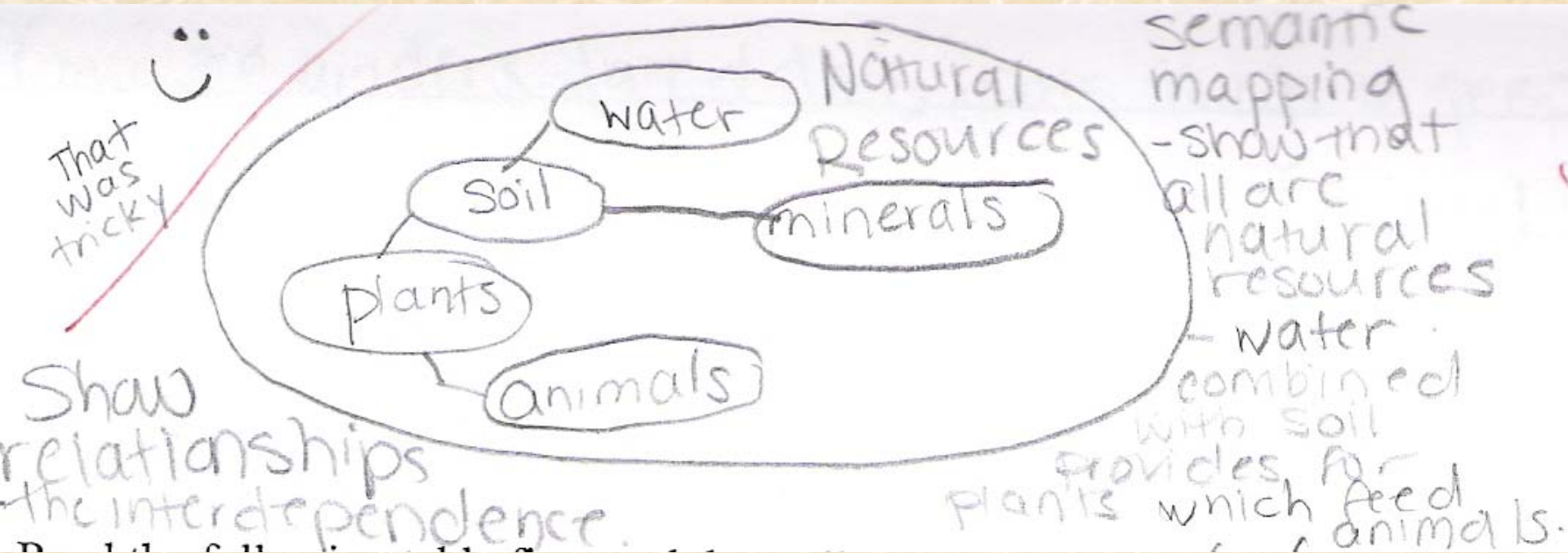


Spider - OK

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources.* (2 points)



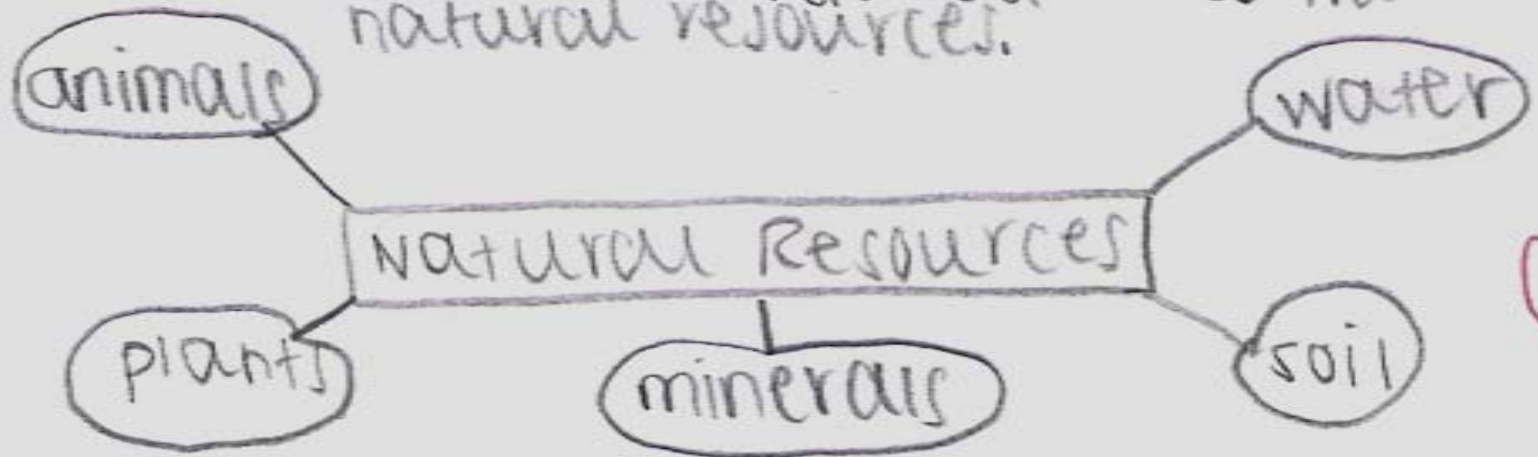
Relation - OK



Meet the Expectation

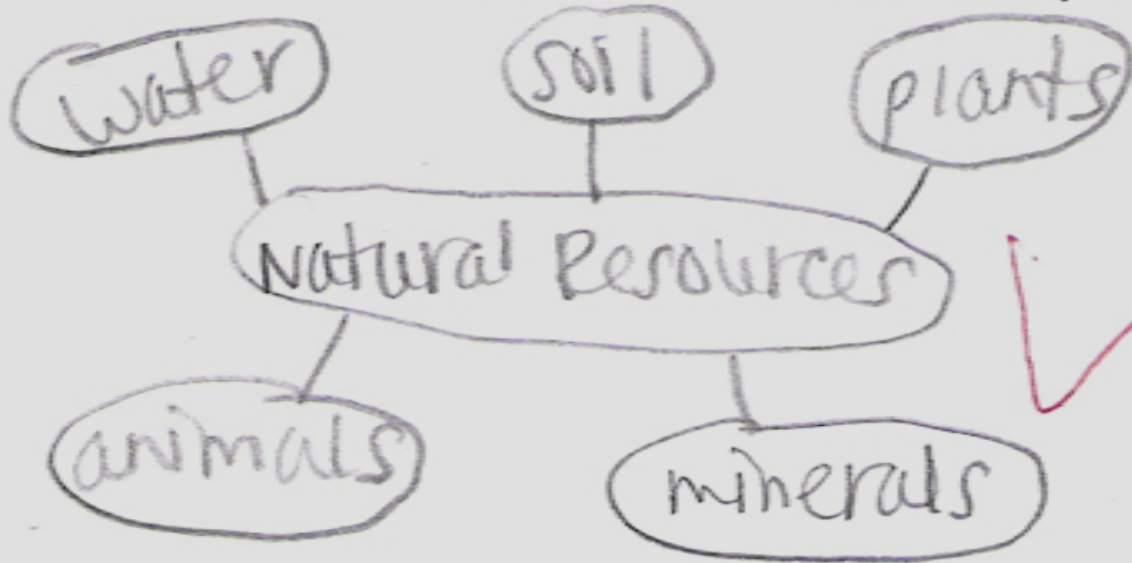
Spider – That's right!

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources.* (2 points)
List facts for each circle to describe the natural resources.



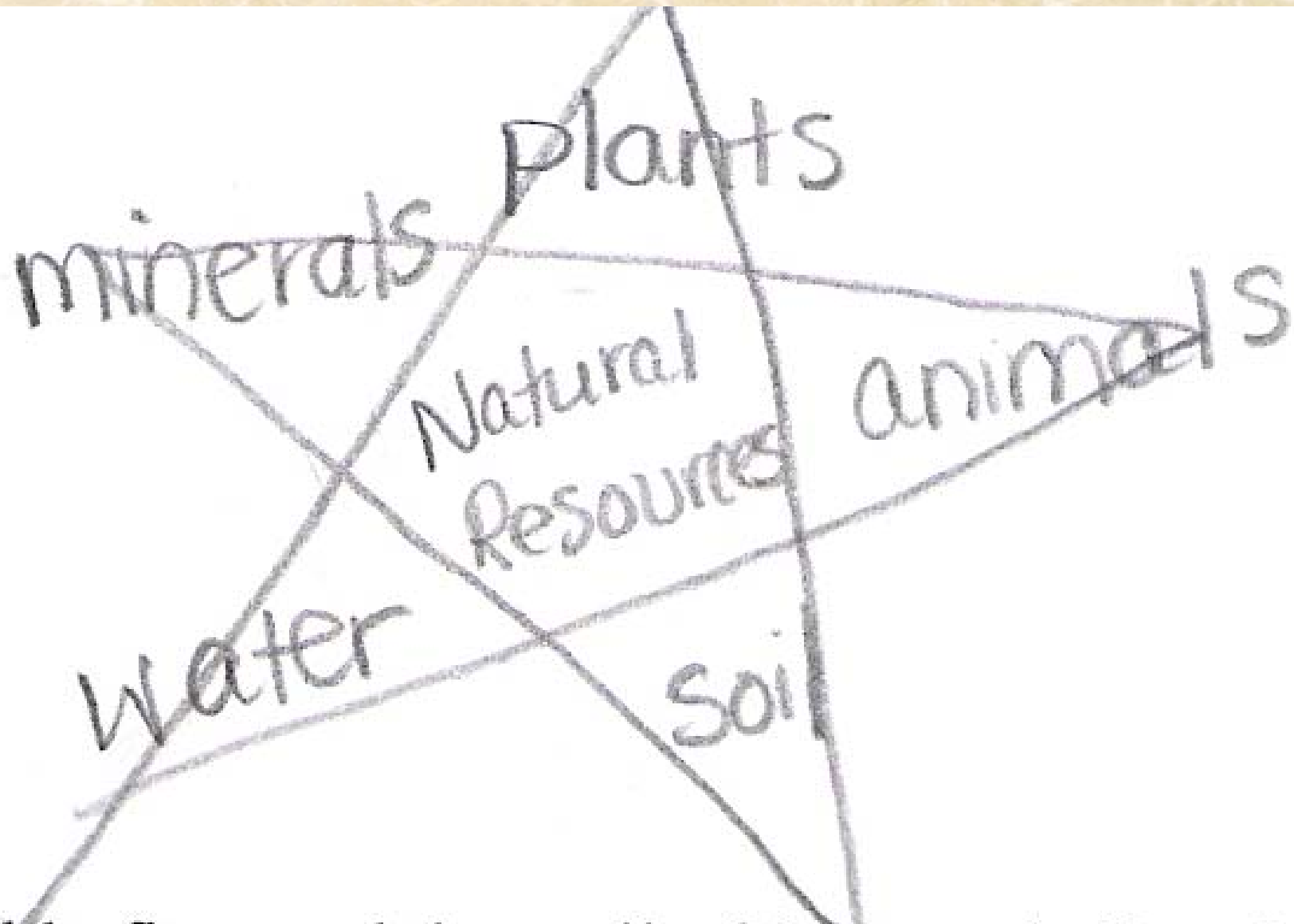
Spider – Excellent!

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources*. (2 points)



much pollution
each student
where they live
subject area
reading and
Arts in which

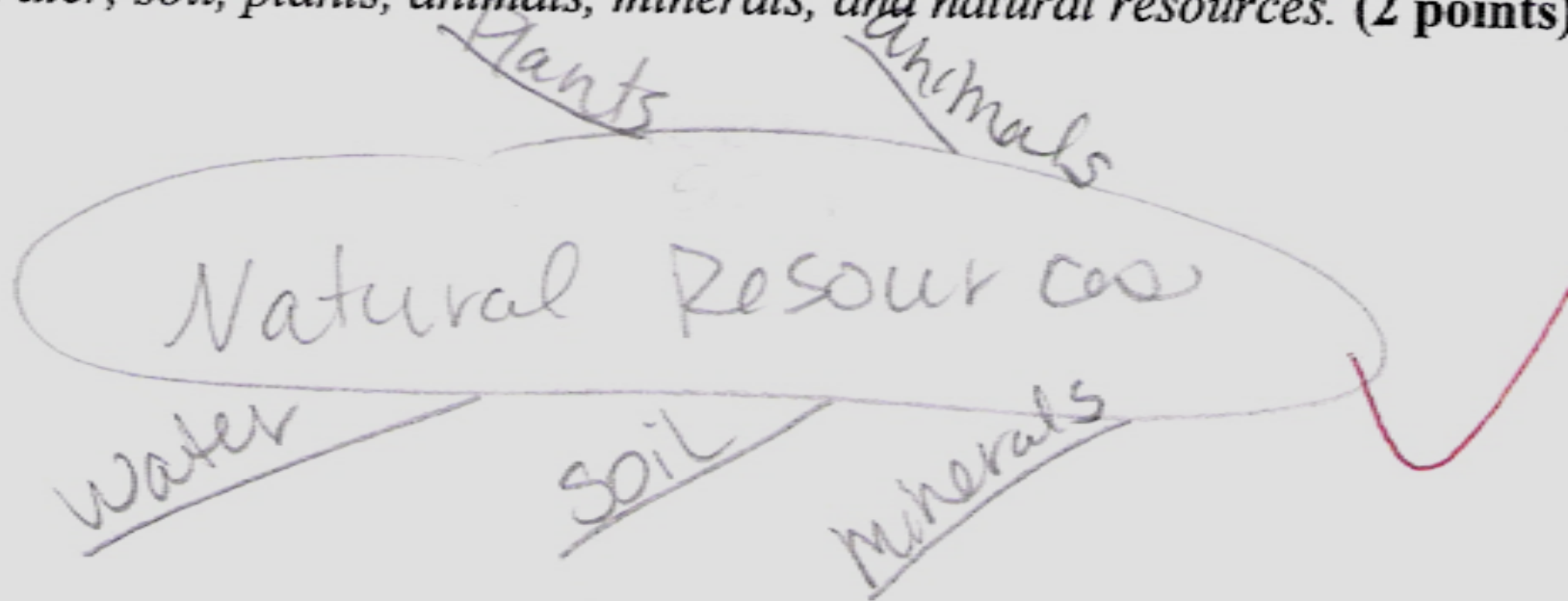
Five Star – Creative Work!



na table first and then tell which graph (Pie, Li

Fishbone – Good Job!

3. Draw a graphic organizer that you think will be effective to teach the concept cluster: *Water, soil, plants, animals, minerals, and natural resources.* (2 points)



The Instructor's expectation

- A bigger concept has several smaller concepts falling under its category.
- The bigger concept is the label of the smaller concepts.
- A organizer of whole-part relation is required.