

“Creator’s-Nature” Hike: *Science Discovery Process* **Outdoor Education** Mr. Galloway’s Explanation & Suggestions for Completing the Activity

* **Get out your Hike Worksheet with your notes & Google data**

On the hike, you used your five senses and curiosity to observe the natural world and write down things that seemed too complex, organized, and/or beautiful to have occurred **without a Creator**.

Then you asked questions & researched (Googled) for “data” to help you formulate an hypothesis

SCIENTIFIC DISCOVERY –

= **Mature** conceptual thinking (deep/**critical**/logikos thinking) – Intellectually / Spiritually

= **Asking** questions about what, how, when, why, and who

= **Thinking** about the many **levels** of complexity, order/organization, beauty, **PURPOSE**

* Eventually & especially thinking about **WHO** was/is the source for all of this

* Toddlers **cannot** do this because their brains and souls have not matured enough

* They think too concretely. They simply see, feel, & “eat”, **without** asking deep questions.

Sadly, even many **adults** have never learned & practiced the skills of conceptual, critical thinking.

This includes some very “smart” **scientists**, whose brains seem like **computers**.

However, computers can remember lots of information and do amazing calculations, **but not “think”**.

BEAUTY requires both:

1. **Value** built into to the “beautiful” object

2. **Brain** coding programmed in the observer able to recognize the beauty

EXAMPLES ...

Leaves - are attached, and the attachment changes each year so that they fall off – how, why

Thorns – good/bad WHAT DO THEY IMPLY ABOUT A **CREATOR’S NATURE?**

Vines – anchors, twist, -- how, why

Spider Webs - good/bad WHAT DO THEY IMPLY ABOUT A **CREATOR’S NATURE?**

Deer Droppings – imagine the inner processes necessary to transform plant material into an animal

What other ideas did you come up with?



SCIENTIFIC DISCOVERY PROCESS (LOGIKOS THINKING ABOUT OUR CREATOR'S-NATURE)

1. OBSERVATION (summarized)

2. QUESTION (summarized)

3. DATA(summarized)

4. HYPO-THESIS

5. TEST

6. DATA

7. CONCLUSION