

Science Lesson #20

The Test of a Real Scientist

(Head Thought & Heart Thought)

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Introduction to Fables and Science

Today's Lesson

Do you remember when all colors were all good?

Do you remember looking at a garden or a coloring book and being amazed at color itself? I mean when you were very young - before you ever separated colors into categories or had favorites. Perhaps we need to get back to that garden (see [[Fable #102](#)]). Favorites of colors implies non-favorites. When you first compared you had to do two things: separate what was a whole,

and then demote things that had been all good to a status of not as good.

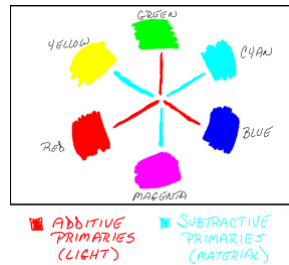
The point is to have fun - joy - be in a state of connection or oneness with things. To walk around in the state where you create or re-create (see [[Fable #149](#)]). This is when things look beautiful to you, because beauty is in the eyes of the beholder - it is up to you how beautiful the world is.

The Test of a Real Scientist, therefore, is to see how attentive you are to observation. If you are practically one with whatever you are observing, then you will make accurate, scientific observations. Anything less is not as good. If you move to critical thinking after this level of observation, then you are on the right track! So, you can see how beautiful something like COLOR looks to you to see how present you are to beauty, and therefore how well you are observing as a true scientist!

So, let's take the ***Real Scientist Test***. On the video, I will teach a standard lesson on seeing the separate colors as the PRIMARY colors. I will name them, separate them into categories, and describe the laws of their interactions. The test however is not to see if you can follow the concepts ... the test is to see if you can both follow the concepts and simultaneously remain in a state of connection to COLOR itself. You will know how you are doing by the amount of appreciation you have for the colors. If they look as beautiful, then you are doing well.

A Test for Life. You can use this test for the rest of your life. If you see things that looked beautiful to you at another time and they look more beautiful to you now, then you are observing well - you are in connection with them. And isn't this the mark of a good scientist.

Colors (*See the video for an explanation of how primary colors work ... but beware! The real test is to see if you can listen to and follow the mental explanation without leaving your heart, feelings, and appreciation of the color itself!*)



Here's Another Test ... try to stay in the state of wonder with this one ... Nitrogen and The Three Sisters Legend (see [\[Fable #56\]](#)) - All of my lessons are designed to always be providing you with self-tests to see if you can balance heart thought and head thought. That is why I mix fables with science! Here is another chance for you to exercise your social responsibility of growing both in character and intellect. Native American tribes from all over North America, such as the Hopi, Potawatomi, Cherokee, Oneida, and the Iroquois (to name just a few of the many) mix fable and science to this day. They honor the wisdom of their ancestors. They tell the ***Legend of the Three Sisters***. It is a story of both science and inspiration. The symbiosis in planting beans next to corn and squash next to them is threefold. The legend says the corn is the leader with its strong stalk for the others to climb. The beans are the givers in that they get nitrogen from bacteria and provide them to the others. Squash is the protector in that its broad leaves keep down weeds and protect the others from too much sun in the hot weather.

[\[Play video here to see live demonstration.\]](#)

Here's a provocative thought...

To pass the *Test of a Real Scientist*, you check to see how much beauty you see. The more beauty, the better your grade. If 'beauty is in the eyes of the beholder', then the amount you see is

up to you. My Dad used to say “I can’t wait for tomorrow,” then he would wait for you to ask, “Why?”. He would answer, “Because I get better looking every day.” The funny thing is that he would often say this in the morning. I think he was mirroring Shakespeare and telling you that he already intended to see beauty everywhere, before the day had even begun. My wife can’t take a hike in the woods without calling my attention to the beauty around us - it’s what she sees.

So, scientists, teachers, counselors, parents - remember a time when you were aware of the beauty in some simple things, then measure your own presence and observational skills by the amount of beauty you see today compared to that time.

Here are some fables that deal with this whole idea: [[Fable #17](#)] [[Fable #24](#)] [[Fable #25](#)] [[Fable #50](#)] [[Fable #54](#)] [[Fable #72](#)] [[Fable #88](#)] [[Fable #92](#)] [[Fable #100](#)] [[Fable #102](#)] [[Fable #116](#)] [[Fable #149](#)] (Bickart, 2020a, Volume 1; 2020b, Volume 2; 2020c, Volume 3).



#149 Recreation



The Creator of all things sent another beloved one down to Earth. “Your instructions are these,” the Creator said, “know that I AM with you always. To reach me in your innermost being, go through your heart. Or reach me in every other place by re-creating something. When you have fun, I AM there, also.”

WHAT DO YOU WANT TO CREATE TODAY?

Recreation

Why Use Fables to Teach Science?

Conversation Starters

- What are some of your favorite games or pastimes?
- Do you play often? How much and for how long?
- Are you aware of any fun that you have that also includes creating something? Do you enjoy cooking or yardwork, or building anything?
- What are some creations that you have made?

References

- Bickart, J. (2020a). *Bickart's Just-in-Time Fables (Volume 1)* (Vol. 1). Asheville, NC: Red Shirt Interactive Group.
- Bickart, J. (2020b). *Bickart's Just-in-Time Fables (Volume 2)* (Vol. 2). Asheville, NC: Red Shirt Interactive Group.
- Bickart, J. (2020c). *Bickart's Just-in-Time Fables (Volume 3)* (Vol. 3). Asheville, NC: Red Shirt Interactive Group.