



Empowering Our Future Through **Inquiry!**

John Thomas School of Discovery
Nixa, MO



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Ground 0 Learning to Think Differently

*If we teach today as we taught
yesterday, we rob our children of
tomorrow.*
-John Dewey



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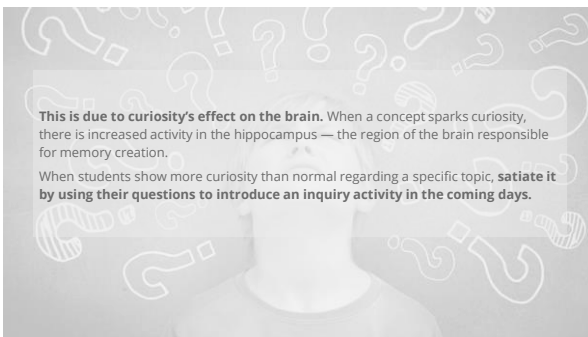
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Who we are. **INQUIRY**



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Step 1 Finding the Phenomenon

*A phenomenon is simply an
observable event.*

*It is interesting, sparks curiosity,
and can be complex.*



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Suppose you have a balloon and an orange.
How could you pop the balloon using the
orange?



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What Happened?



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Teaching Points



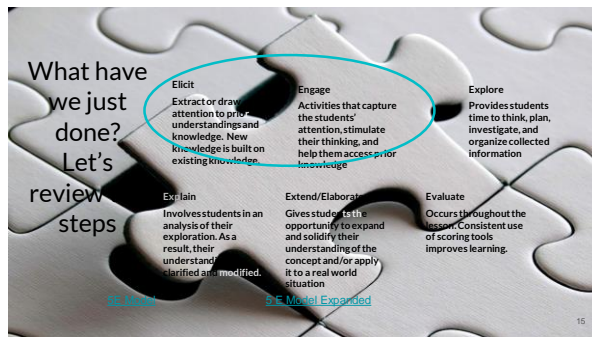
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What can you do
with this new
knowledge?



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Changing Science

How did you feel after the orange and balloon experiment? How did this change your thinking?



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Step 2

Create the Wonder

Did you know when you wonder you're learning?

-Mr. Rogers

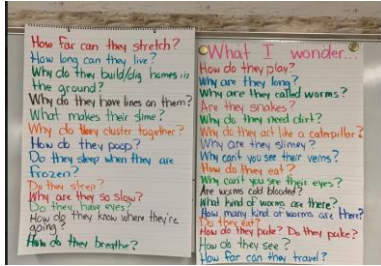
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Changing the
Road Map

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Taking learning higher



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Connecting to the Real World - Waves



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Native Americans



Old Way

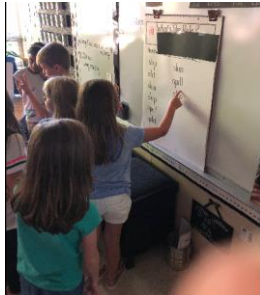


New Way



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A Quick
Way to Add
Inquiry Into
Your
Everyday
Plans



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Step 3 What do You Think?

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*To continue toward any journey, we
must always challenge ourselves to
take the next step.*
-Scott Kelly



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Step 4

How Can We Test Our Thinking

If we teach today as we taught yesterday, we rob our children of tomorrow.
-John Dewey



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How Can We Test Our Thinking?



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Driving Question:
What is our thinking?
How can we test this?
What supplies will we need?
Conclusion/Other ideas



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5 Step 5 How Do You Know?

Take them to court!!!!



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Step 6 Thinking Like A Scientist!

*If you've never failed, you've never
tried anything new.*
-Albert Einstein



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Thinking Like a Scientist.....

S	T	E	A	M
I strive for success when... <ul style="list-style-type: none"> I am ready to learn. I take care of myself. I keep trying and giving my best. 	I take responsibility when... <ul style="list-style-type: none"> I think before I act. I am focused. I own my actions. I am honest. 	I encourage respect when... <ul style="list-style-type: none"> I use my strengths to work with others. I listen to understand. I use my social skills. I stay positive. 	I act safe when... <ul style="list-style-type: none"> I look out for others. I am in control of myself. I follow directions. I think before I act. 	I make learning count when... <ul style="list-style-type: none"> I think about my thinking. I give my best effort. I participate. I am respectful.

Failure Friday
How are you going to look at failure?

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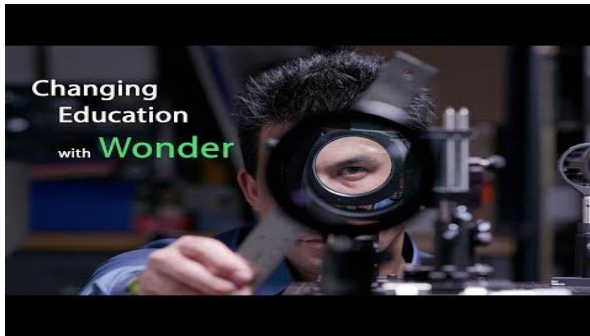
Be a Molly

We As A Class...

1. Have a Vision
2. Be a Learner
3. *Lean* into **STRUGGLE**
4. Feed your Passion
5. Own your Education



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