

# HOW TO CREATE A SCIENCE LESSON

---



**n.l.e**  
NON LINEAR EDUCATION

**Module 5**

***“Those who are not shocked when they first come across quantum theory cannot possibly have understood it.” - Neils Bohr***

The principles behind creating a Science Lesson for a neurodiverse kid of ANY AGE are the following:

Every SCIENCE lesson should have 3 parts:

- 1. CONTEXT**
- 2. SIMPLE LANGUAGE**
- 3. BIG IDEAS AND BIG HAPPENING**

But you can also INCLUDE:

- 4. INCLUDE MICRO LESSONS**
- 5. BRING IN HISTORY AND LANGUAGE ARTS**

### **BIG IDEA NO CONTEXT EXAMPLE:**

If the lesson has no context, no why - for example, if you start talking about neutrons and protons being made up of quarks - this is BIG, you can make the language SIMPLE, but who cares?

Unless your child has some exposure to particle physics, they might not YET care. There is a time to teach about quarks, but first context.

*Disclaimer: The information provided in this lesson is for educational purposes only. Vaishnavi Sarathy, Ph.D. is an educator, not a doctor, specifically not your child's doctor. Please consult your physician before implementing any supplement or diet recommendations.*

## SMALL IDEA BIG FUN EXAMPLE

Similarly, if you do dancing popcorn with vinegar and baking soda, that is an enormously simple experiment which is a lot of FUN, but it is not big, it doesn't teach science or the scientific method, **unless you make a point of doing that.** There is a risk of being distracted by the drama of the experiment, and the science not coming through.



*Disclaimer: The information provided in this lesson is for educational purposes only. Vaishnavi Sarathy, Ph.D. is an educator, not a doctor, specifically not your child's doctor. Please consult your physician before implementing any supplement or diet recommendations.*