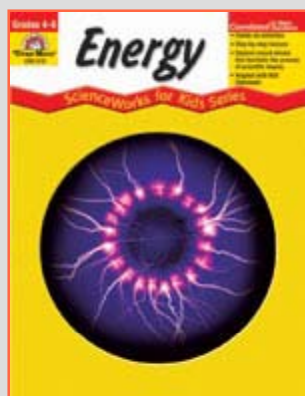
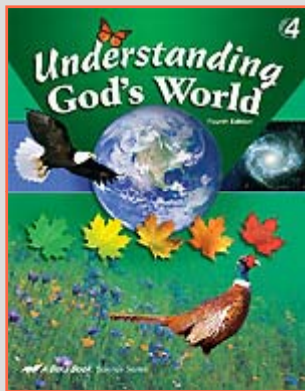


Making Science the “Fun” Subject

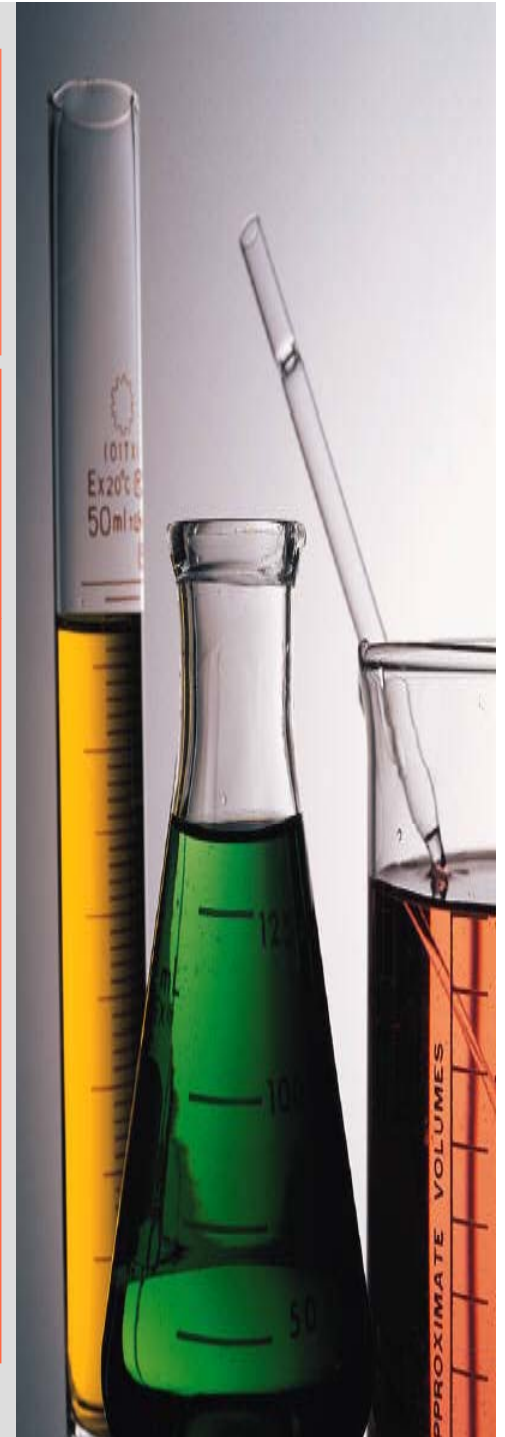
*Creating a love for
science at any age.*



I'm OVERWHELMED!



- There is so much to cover...insects, mammals, energy, the weather, human body, simple machines.....
- I don't feel like I understand much of the subject matter.
- There are so many curriculum choices!
- Tons of supplies and don't even get me started on the mess it creates!



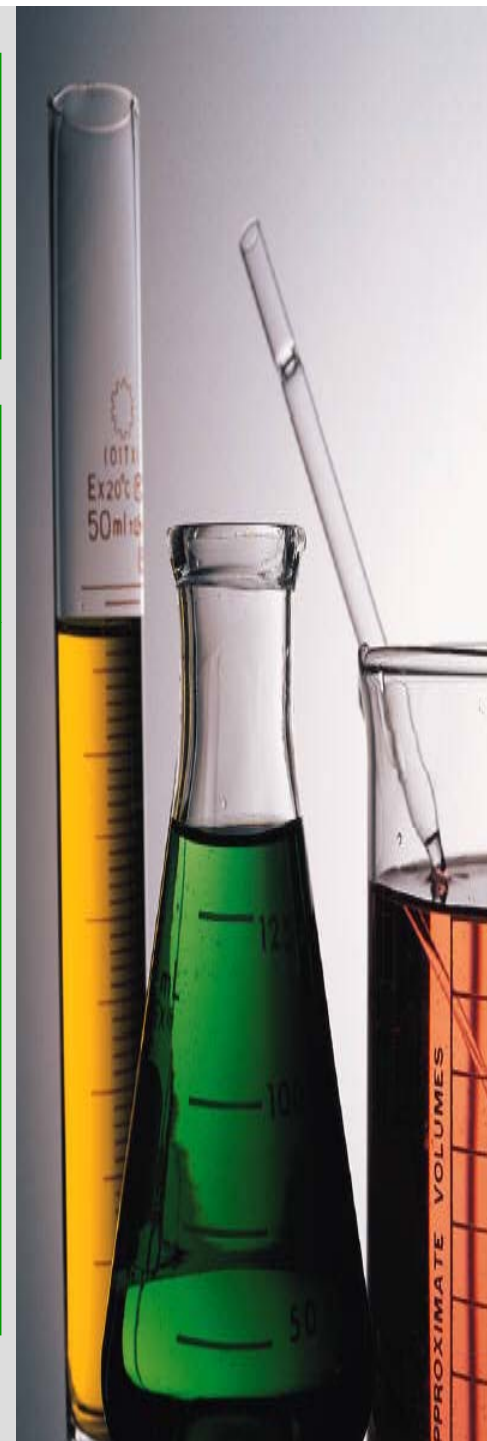
What is Science?

- Knowledge or a system of knowledge covering general truths or the operation of general laws especially as obtained and tested through scientific method

Merriam Webster

- A branch of study dedicated to the accumulation and classification of observable facts in order to formulate general laws about the natural world

Apologia General Science

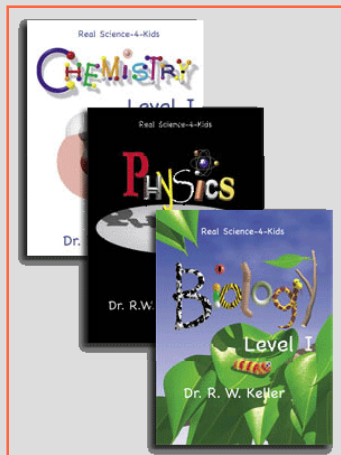


Making It **FUN**-Younger Kids Covering It All

- Go with a planned curriculum
- Use a guide like Core Knowledge or Design a Study
- Go with your kids interests



Making It **FUN**-Younger Kids Covering It All

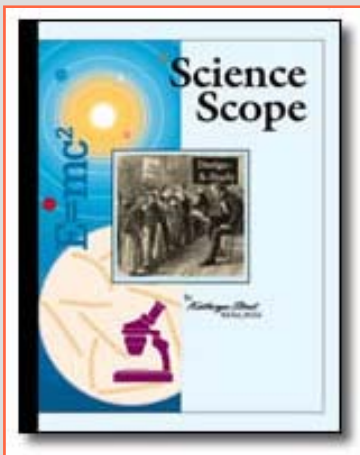
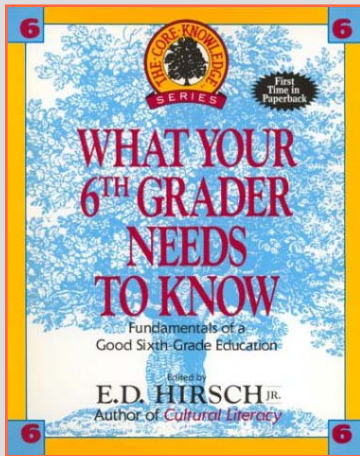


Go with a planned curriculum

1. Go through the book and gather supplies for the year or at least for the semester.
2. Plan out your lab day so you aren't tempted to skip them.
3. Keep a science center with extra lab supplies, lab sheets or hands on fun stuff to keep your child interested.

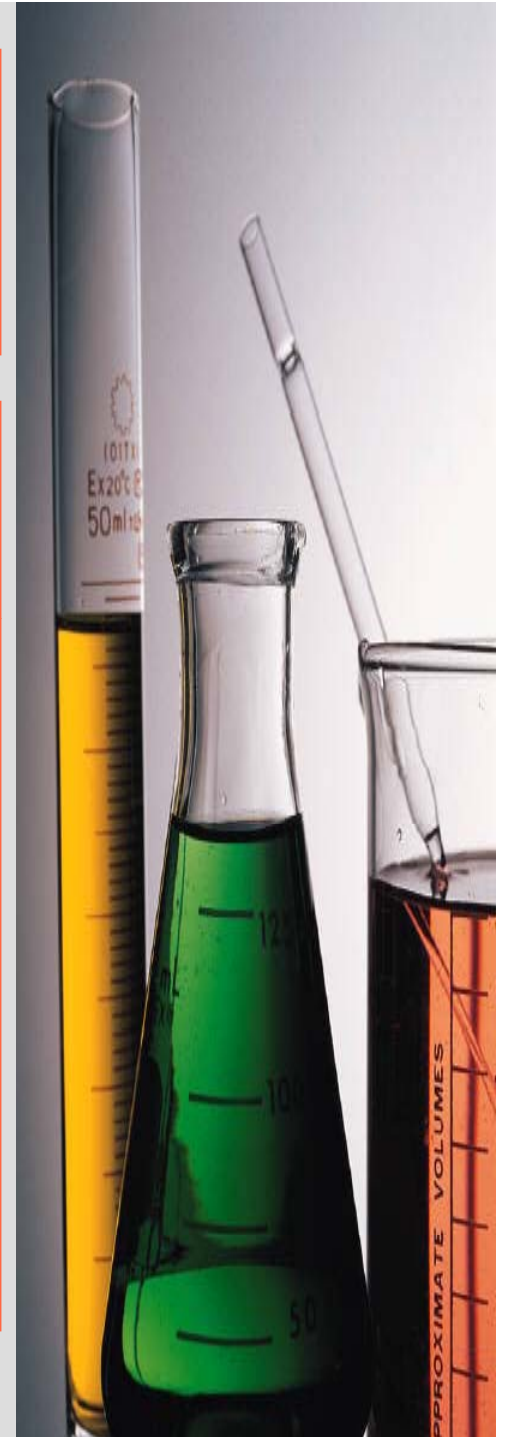


Making It **FUN**-Younger Kids Covering It All

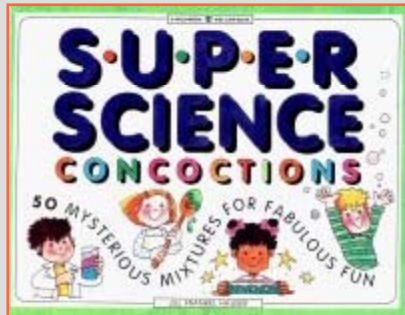


Use a guide like Core Knowledge or Design a Study

1. This will give you a guide but still allow freedom so you can choose what to cover and when.
2. Choose a theme and have your kids help gather books and supplies to set up a science center.
3. Don't forget to check off areas that you cover. Try to stay focused on what your kids have covered as opposed to what you still need to cover!

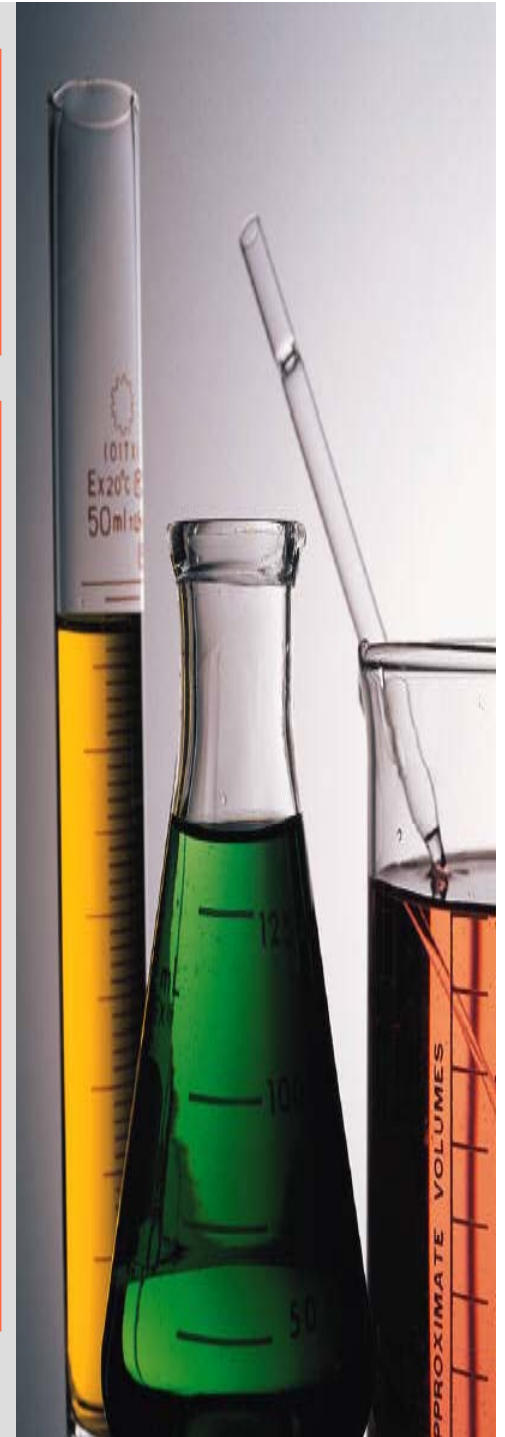


Making It **FUN**-Younger Kids Covering It All

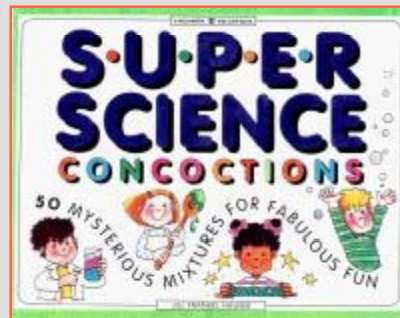
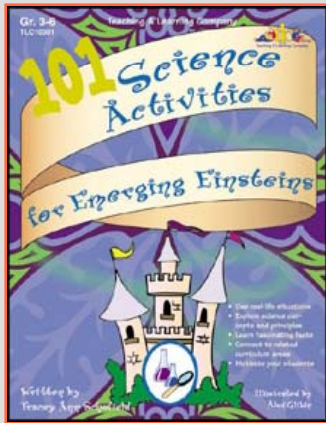


Go with your kids interests

1. Give them a piece of paper and let them write down science topic they want to study.
2. Use a science center or have a block of time where they can freely explore.
3. Keep a box with “all purpose” science supplies on hand. It is frustrating for both mom and kids when you can't find a rubber band to complete your experiment.



Creating a Science Box



Supplies to add to your science box:

Measuring cups and spoons, big plastic bowl, metal baking sheet, funnels, old spoons for mixing, aluminum foil, plastic bottles (2L and 1L), pipe cleaners, straws, string, paper clips, balloons, magnets, small block of clay, baking soda, vinegar, Tums, denture tablets, borax, glue, salt, liquid starch, cornstarch, magnifying glass

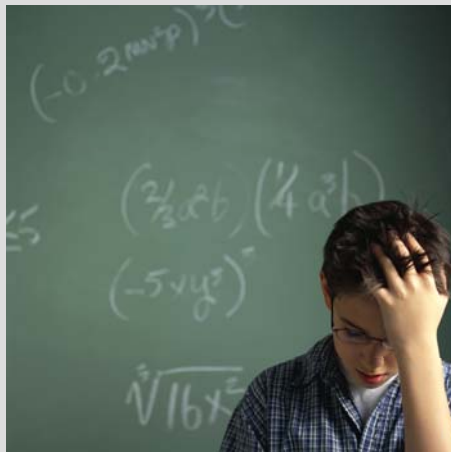


Making It **FUN**-Older Kids

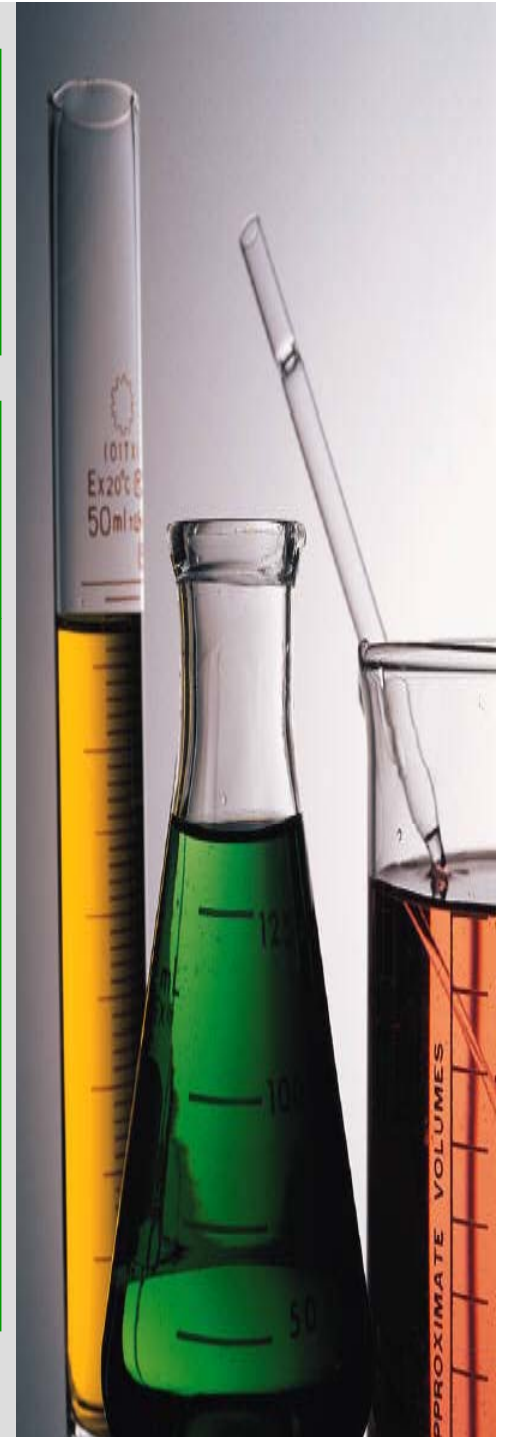
- Covering upper level science by determining your child's science needs
- Allow your kids to slowly take full control of their learning
- Managing lab groups and supplies



Making It **FUN**-Older Kid Determining Their Science Needs



- What is your child's lean?
- Do they talk about what they would like to do in the future?
- Use this as a guide to determine your science goals.
- Look at their math plan and use that to forecast their science for 7th-12th grade.

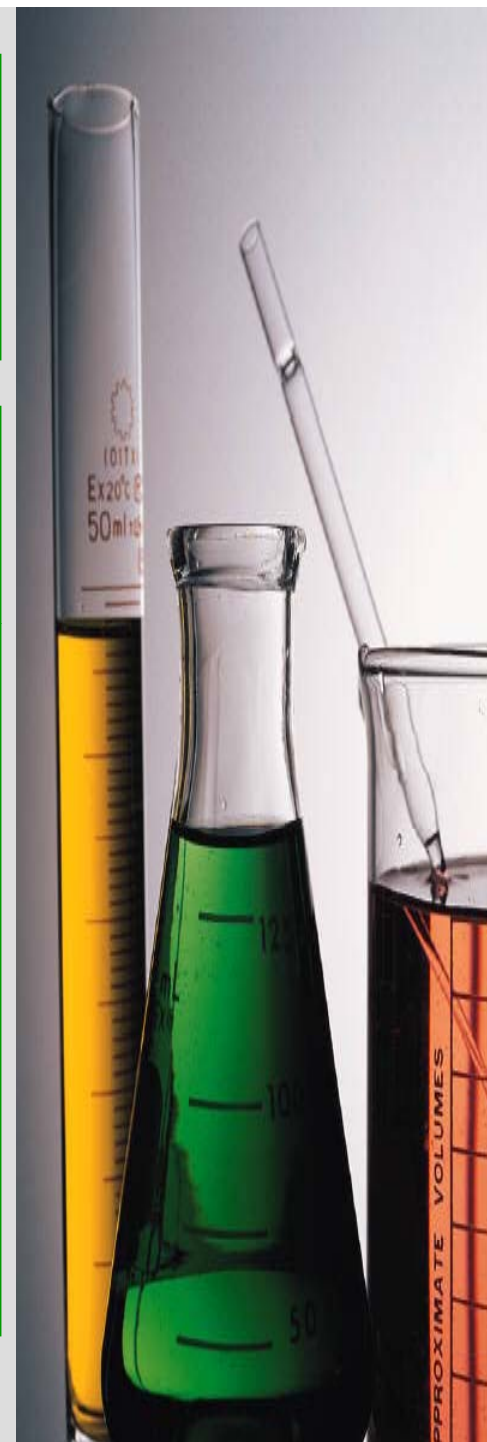


Making It **FUN**-Older Kid

Allow them to take control



- Initially they may need assistance with the labs and help staying on track with the lessons.
- Give them guidance and step back so they can do the work
- It's OK if an experiment doesn't turn out the way you expected
- Don't nag but instead give them tools and ideas to help them succeed.

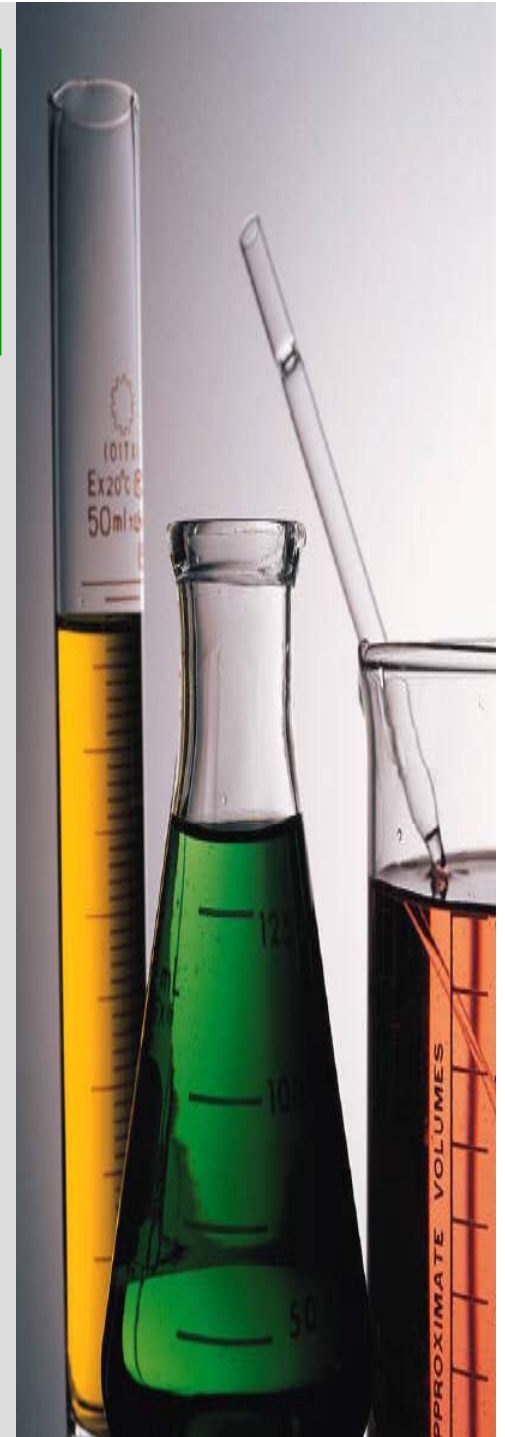


Making It **FUN**-Older Kid

Managing lab groups and supplies



- Set a day/time that works for you!
- Allow other families to help with supplies.
- Be consistent
- Allow the kids to talk and learn from each other
- Allow the kids to have fun



Setting up a Lab Group

- It needs to work for your kids. Try to find others who can be blessed by taking advantage of what fits your science plan.
- Set up a consistent rotation based on the curriculum or titles you have planned.
- Put the kids in charge of clean up.
- Stay on task but allow discussion and friendships to form.
- End the year with a show and tell
- Use Goodwill and other resale shops for supplies such as juice glasses, old spoons for mixing.
- Your contribution is the lab and supplies you have on hand. Allow the other families to bring supplies you don't have on hand.

