

Register Now!



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Young BUILDERS PALO ALTO

- Experience This Unique Workshop
- This Is Not Your Typical Art Class
- Learn To Build According To Plans
- Build From Scratch - Not From A Kit

- ★ Build your own plane, boat or electrical motor
- ★ Build your child's self esteem, confidence and foster a sense of accomplishment.
- ★ Improve visualization, spatial and fine motor skills.
- ★ Foster your child's creativity, problem solving and trouble shooting.
- ★ Teach your child to persevere.
- ★ Hands on engagement with fractional measurements.

650-996-4328

youngbuilderspaloalto@yahoo.com

2729 Middlefield Road Palo Alto California 94306

@ Midtown Center

Build It, Race It, Fly It!



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Philosophy

Model building with your own hands is easy and lots of fun. All it takes is a "can-do" attitude, the right tools, a little bit of practice, safety measures and the skills your child will learn at our workshop.

My philosophy is that you need to build your project from scratch, using raw materials. This is not the typical expensive "almost ready to fly" model kit. Our models are built from materials that can be found at any home improvement store.

A parent once asked me what will the child do with the model after completing it, sell it? This made me smile. No child would ever want to part with his or her creation after spending all those hours working hard on building it from scratch, paying special attention to the fine details. They will be proud of their creation and will certainly want to keep it.

After building our models, your child will feel he or she can build anything. The acquired confidence and knowledge will serve them for years to come, as they will learn to troubleshoot, be resourceful, persistent and never quit.

Our classes are based solely on hand tools, as I believe nothing can help a child get a better feel for the materials. Working with hand tools is the best way to achieve a long lasting set of skills and a solid foundation, not to mention the safety aspect.

We consider our program to be a child's introduction to engineering. He or she will execute a plan created by an engineer, incorporating math skills such as geometry and measuring, as well as visualization and spatial skills.

Lastly, this activity provides a great alternative to the computer and the variety of entertainment technologies that our children are engaged in and exposed to on a daily basis.

Give your child the opportunity to experience the enormous sense of pride and excitement in saying: "I made that!"

Programs

YOUNG BUILDERS (Ages 6 to 14)

Learn basic woodworking and model building combining basic work with metal, as well as how to safely use hand tools. Build the starters wooden mobile project and proceed to build a model sail boat you will actually get to race in our year-end event.

YOUNG TECHNICIANS (Ages 9 to 15)

Build more intricate projects combining metal, plastic and wood. Learn the principles of electrical circuitry as you build from scratch your first electric motor and other devices.

HIGH FLYERS (Ages 9 to 16)

- **Beginners:**
Build all kinds of gliders and spring motor planes - including a 36" wingspan glider.
- **Intermediate:**
Build a gas engine control line plane and a 2 ch Remote Control glider with 6'3" wingspan.
- **Advanced:**
Build a full size 4 ch RC trainer plane with 4.0 gas engine (electrical brushless motor conversion may be offered).

OPEN WORKSHOP

If you can dream it – you can build it!

Bring your own idea or model and we will provide step by step coaching as you work on your project in a fun group environment.

PRIVATE SESSIONS 1:1

Get personalized one on one sessions to design and build your project.