



— FOR EDUCATORS & CTE LEADERS

Give students something real to build.

A complete tiny house build program with teaching resources, online support and help through the actual build.



INSIDE THE PROGRAM

**Practical curriculum. Personal build support.
A real team, just a phone call away.**

North Point High School, Maryland / Photo supplied by THinc

THinc Education is a DBA of Tiny House, Inc.

www.THincEdu.com

THE PROGRAM

A real project. Resources for every phase.

A tiny house brings many trades into one connected build. THinc Education gives instructors resources to teach, prepare, track and document the work.

01 Teach the lesson

Objectives, vocabulary, teacher demonstrations, student activities, quizzes and assessment guidance.

02 See the build

Illustrated plans and construction details help students connect drawings to the work in front of them.

03 Follow the process

The project manual organizes procedures by build phase and highlights common mistakes.

04 Prepare the materials

Phase-specific tool and material lists support ordering and readiness for the next stage.

05 Document the work

The certification workbook organizes quality checks, test records and photo submissions.

06 Manage the project

Planning resources connect schedules, student leadership, ordering and progress tracking.

38**Instructional videos**

Plus bidding and marketing resources. Teacher workshops provide an additional training option.

Explore included program and build support on page 3. Teacher workshops are an additional option; see pricing on page 12.

SUPPORT THROUGH THE BUILD

Help with the program. Help with the build.

Your two-year license includes guidance for the teaching resources and practical troubleshooting for the tiny house your students are building.

A REAL TEAM BEHIND YOUR SCHOOL'S PROJECT

Just a phone call away.

Talk through your questions with the team behind the program.

01

Online support site

Use the program's online support site alongside your lessons, plans and build resources. Reach out when you need help finding or using the right material.

02

Build troubleshooting

Get guidance on the actual project: questions about the plans, the build sequence or a material substitution. Bring us the issue you are working through.

03

Inspection support

Get help understanding the workbook, required photos and quality documentation. Inspection service is included in the main program license.

AN EDUCATOR'S EXPERIENCE

"They're very friendly, very open, and very supportive of the school."

Caitlin Carpenter / Mendota High School

Discuss support for your school's build >

Support and inspection service are included with the two-year main program license. Educator testimonial: thinc.build.

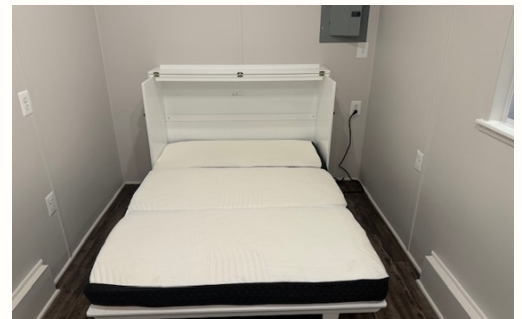
SCHOOL PROJECT SPOTLIGHT

From classroom plans to a completed home.

North Point High School | Charles County, Maryland



Construction in progress



Finished fold-out bed: closed / open

North Point students completed an 8-by-20-foot tiny house using plans from Tiny House Inc. The construction, design and management pathway worked with the electrical and welding programs. Instructor Charlie Burch reported roughly 13 students participating per year across the multiyear project.

ANOTHER SCHOOL'S EXPERIENCE / MENDOTA, CA

5 tiny houses built

Led by Caitlin Carpenter at Mendota High School.

Watch Caitlin and her students in the Amazon feature >



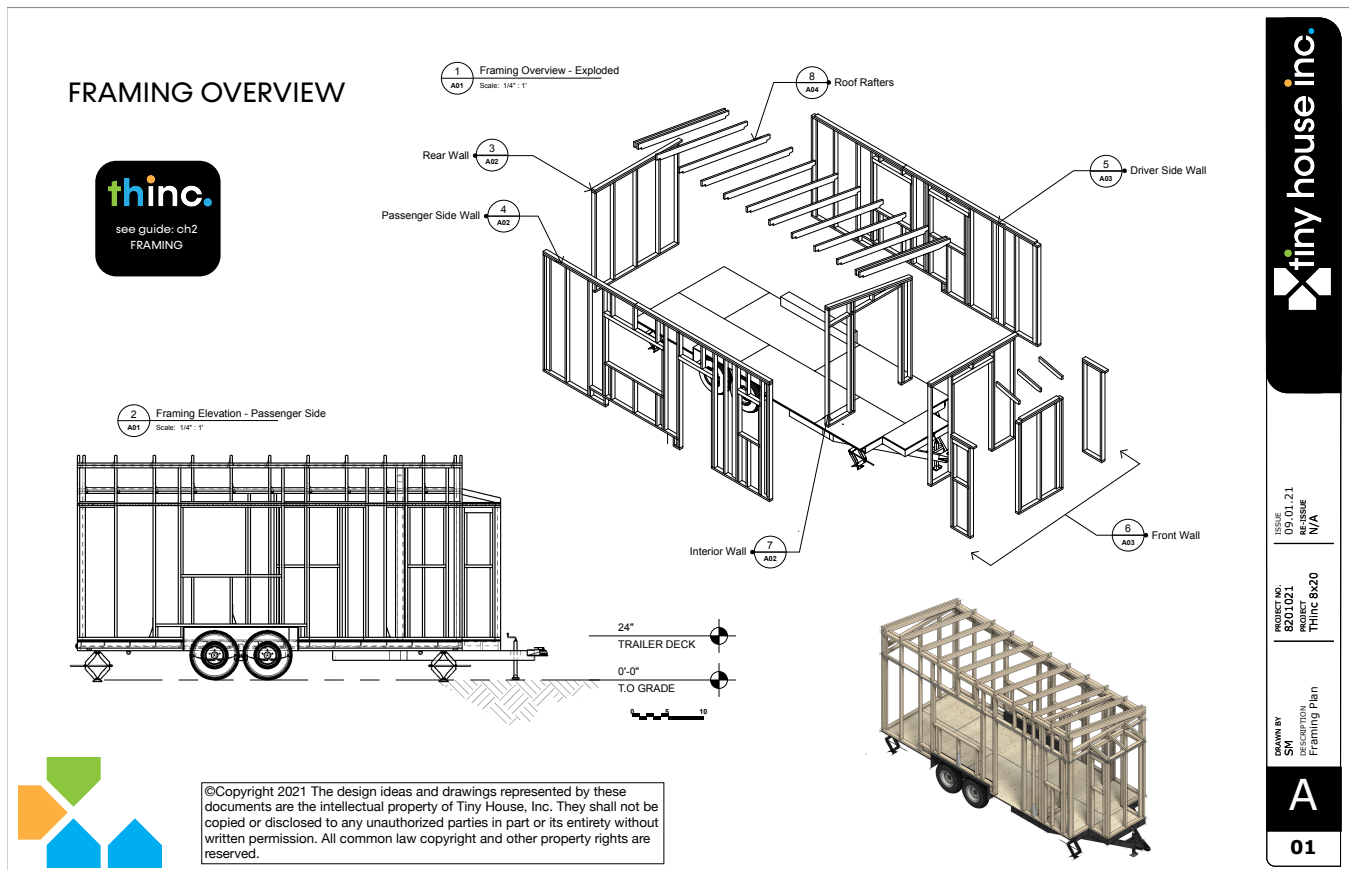
Scan to watch

Sources: North Point project reporting, The Southern Maryland Chronicle, July 29, 2025. Mendota: five builds as of October 2026. School photography and video feature supplied by THinc Education.

INSIDE THE CURRICULUM / CHAPTER 2

Start with the whole structure.

Selected framing lesson content for high school and college technical programs.



WHAT STUDENTS LEARN

01 Read the plans

Locate studs and openings.

02 Build the frame

Frame walls and roof.

03 Check the work

Square the structure and install hardware.

The source framing lesson estimates four weeks. Teachers adapt pacing to class time, student experience and the selected project.

Sources: THinc School Project Lesson Plan, Chapter 2, p. 13; Framing Plan 1, 8x20, sheet A01. Curriculum sample. Use complete, current project plans and instructions for construction.

SAMPLE TEACHING SEQUENCE

Explain it. Demonstrate it. Let students apply it.

A selected excerpt from Chapter 2: Stud Layout and Window/Door Placement.

01 EXPLANATION

Correctly laying out the studs and marking window and door openings is essential for structural stability and ensuring the build follows the design plans.

02 DEMONSTRATION

Use a felt pen or sharpie to mark the location of king studs, jack studs, and trimmers around windows and doors.

03 STUDENT ACTIVITY

Students will mark and layout the entire stud, window, and door placements on the bottom plate. Afterward, they will transfer the layout to the top plate for precise alignment.



North Point student framing work
Photo supplied by THinc

FROM CTE STUDENT TO CURRICULUM CREATOR

CTE graduate Nick Mosley developed the THinc Education curriculum and now teaches the course, bringing experience as both a learner and an instructor to the program.

Sources: THinc School Project Lesson Plan, Chapter 2, p. 14; THinc Education: About. Selected lesson excerpt. Refer to the full project documents for construction details.

SAMPLE ASSESSMENT

Make the learning visible.

The framing lesson combines knowledge checks, practical observation and student reflection.

01 / KNOWLEDGE CHECK

Why is proper framing essential for a house build?

- A. It allows for quicker construction times.
- B. It provides the structure for windows, doors, and the roof.
- C. It reduces the need for insulation.
- D. It allows the structure to be easily modified later.

02 / PRACTICAL ASSESSMENT - SELECTED CRITERIA

- Measure and assemble the bottom and top plates accurately.
- Lay out and mark stud, window and door placements.
- Cut and install studs, headers and trimmers according to plan.
- Assess precision, safety, adherence to plans and collaboration.

03 / REFLECTION

Why is accurate measurement and layout critical during the framing process?

Instructor key: B. Full chapter includes additional questions and answers.

Source: THinc School Project Lesson Plan, Chapter 2, pp. 15-18. Selected questions and assessment criteria. The complete chapter includes additional assessment materials.

PREPARATION & QUALITY DOCUMENTATION

Prepare the work. Record the result.

Phase-specific resources connect classroom preparation to checks during the build.

MATERIALS & TOOLS**Example: framing for Project 1 (8x20)**

The material list specifies descriptions, quantities and supplier categories. The tool list helps instructors prepare equipment for the phase.

SELECTED TOOL-LIST ENTRIES

- Tape measure and pencil
- Level and framing square
- Drill and impact driver
- Long tape for checking square

Material quantities and hardware selections are specific to the design. Check the complete current list against the selected plans.

QUALITY CHECKLIST**Chapter 2 workbook excerpt**

- ☐ Framing layout matches plans
- ☐ Stud spacing matches plans
- ☐ Framing is racked and squared
- ☐ Blocking and backing installed
- ☐ Rafters installed
- ☐ Rafter spacing matches plans
- ☐ Framing hardware/tie downs complete

The workbook also records completion dates, comments, test results and corrections, alongside required photo submissions.

Sources: Tools and Materials Project 1 (8x20), v1.0.2, pp. 8-9; Certification Workbook v1.0.2, pp. 15-18. Selected entries. Schools are responsible for required safety and tool-use training.

BEYOND THE BUILD

Give students ownership of the project.

Construction skills can sit alongside leadership, scheduling, estimating and communication.



STUDENT LEADERSHIP

Rotating leadership roles let students practice coordinating the work and communicating progress.

A TRACKER THAT MAKES RESPONSIBILITY VISIBLE

BUILD PHASE	STUDENT LEAD	PLANNED / ACTUAL	QUALITY RECORD
Framing	Assign a lead	Compare dates	Track completion

Example of fields in the program's project tracker.

Estimate the job. The bidding module introduces material, labor, overhead and contingency costs.

Tell the project's story. The marketing module covers audiences, community outreach and showcasing the completed home.

Sources: THinc School Project Management, pp. 4, 9-10 and 20-22; THinc School Project Sales and Marketing, pp. 3-4. Illustrative tracker excerpt. Refer to the full workbook for all fields and instructions.

FOR SCHOOL LEADERS

What would this take at your school?

Use these planning questions to turn interest into a practical conversation with THinc.

01**Teaching & staffing**

Which pathway will lead the build? Who will supervise the work, provide required safety training and coordinate specialist support?

02**Space & access**

Where will the build take place? Consider working clearance, storage, utilities, deliveries and movement of the completed project.

03**Schedule & students**

How much class time is available? What experience do students bring, and how will responsibilities rotate?

04**Budget & purchasing**

Estimate \$28,000-\$35,000 for the trailer and materials to complete the build. Costs vary by state, donations and vendor deals. Plan separately for the license, tools, testing equipment and optional training.

05**Documentation & destination**

Who will manage inspection records? What is the intended use of the finished home, and what approvals will that use require?

Start with a conversation about your staffing, facility, build budget and project requirements. THinc Education can help you plan the next steps.

A CLOSER LOOK / SCHOOL BUILD

See the finished work.

Exterior, kitchen and finish details from a school project shared by THinc.



Kitchen & cabinetry



Bathroom finishes



Detail & craftsmanship

School project photography supplied by THinc Education. Finish choices vary by project.

NEXT STEP

Let's plan what your students could build.

Bring your goals, your questions and your school's starting point.

MAIN PROGRAM LICENSE

\$6,999

Per license • two years
Program + build support
Inspection service included

TEACHER WORKSHOP OPTIONS

\$2,099

Workshop only, per participant

\$7,499

Workshop + program bundle

ESTIMATED BUILD BUDGET / TRAILER + MATERIALS

\$28,000-\$35,000

Combined estimate for the trailer and building materials to complete the project. Costs vary by state, donations and vendor deals.

The program license and optional workshops are separate from this build estimate.

Need a trailer? THinc Education can help you source one or provide trailers for separate purchase.

Discuss your school's build >

www.THincEdu.com

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Prices in USD, October 2026. Trailer and materials estimate varies by location, donations and vendor pricing. Contact THinc Education for a school-specific proposal.