



## Distance Learning Resources

### Online BITA Curriculum

Online you can access several PowerPoints, videos, and fillable student worksheets.

<https://www.myCHF.org/instructor-portal/> Password: **BITACA**

### BITA Curriculum saved on Google drive

<https://drive.google.com/drive/folders/1CjC7Jil7yu92AMV93fdS60W3JP1-7Td?usp=sharing>

### BITA YouTube Channel

[https://www.youtube.com/channel/UCXuZe-DOW9NV9\\_yT2rXXrCQ/videos?view\\_as=subscriber](https://www.youtube.com/channel/UCXuZe-DOW9NV9_yT2rXXrCQ/videos?view_as=subscriber)

- Career Connections Guest Speaker Video Series
- Virtual Field Trips

### CareerSafe OSHA-10 Online Certification Class

Available to BITA 3 students. Email the names of your students to Jill Herman

[jherman@myCHF.org](mailto:jherman@myCHF.org) – you will receive vouchers to distribute to your students. They have one year to complete their certificate.

### Modern Carpentry On-line Textbook

*For Southern California Requests (San Luis Obispo and across to Bakersfield and South):*

John Rudy

Educational Consultant -Southern California

P: 708-638-3995

E: [jrudy@g-w.com](mailto:jrudy@g-w.com)

*For Northern California Requests:*

Theresa Thompson

Regional Sales Manager, West - School

p: 708.929.2010

[tthompson@g-w.com](mailto:tthompson@g-w.com)

### Kahn Academy

Assign students' construction specific math practice <https://www.khanacademy.org/>



## ProCore

Free online construction industry relevant courses.

*Directions:*

- Got to <https://www.procore.com/>
- Click on *Resources* in the quick links menu bar
- Choose *Continuing Education* (97 Courses)
- Click *start learning* and create a GUEST profile – use the High School as the business name and Student as the title
- Optional courses: Construction 101 and Safety Qualified

## **YouTube Channel Resources**

*Building and Construction*

- Essential Craftsman: <https://www.youtube.com/channel/UCzr30osBdTmuFUS8IfXtXmg>
- Mr. Fix it: <https://www.youtube.com/user/mrfixit/featured>

*Plumbing*

- How to Plumbing: <https://www.youtube.com/channel/UC1UH4yD7VgzMu0G-jSHHLjA>

*Electrical*

- Electrician U: <https://www.youtube.com/channel/UCB3jUEyCLRbCw7QED0vnXYg>

*Masonry*

- Learn to Lay Brick: <https://www.youtube.com/user/learntolaybrick/videos>

*Virtual Shop Class – Presented by Lowes*

- Intro to Tools and Safety (build your space):  
<https://www.youtube.com/watch?v=A5QqRed2MOE>
- Build a Bee Pollinator: <https://www.youtube.com/watch?v=io6tpzc1nq8>
- Building a Dog Bowl Set: <https://www.youtube.com/watch?v=leI41SswKfg>
- Summer Fun Projects: <https://www.youtube.com/watch?v=r8bZsde5Tj4&t=173s>
- Build a Portable Air Conditioner: [https://www.youtube.com/watch?v=iT\\_XUxUHJg4](https://www.youtube.com/watch?v=iT_XUxUHJg4)



## Mentor Guided Projects - 2020 CREATE Mentoring Virtual Project

The Construction Industry Education Foundation (CIEF) is proud to announce the 2020 CREATE Mentoring Virtual Project. The CREATE Mentoring Program exists to educate and inspire high school students to pursue career pathways which are part of the built environment. During this year's project, students will be tasked with researching, designing, engineering, and constructing a physical model of a new building or a substantial remodel of a current building for a *nonprofit within their community*.

As part of this year's project, high school students will be asked to work in teams of two or more students. The project can be completed remotely, in the classroom, or as an after school (club) activity. Students will submit resumes, a client needs assessment, an architectural narrative, design documents including a schematic floor plan, exterior elevation, and one cut section of the building, and engineering plans for one or more interior systems.

The project culminates with a build-at-home or build-in-the-classroom physical model of their project and a 60-second video describing their physical model. Self-paced instructional videos for all areas outlined above will be available on our website at [www.creatementoring.org](http://www.creatementoring.org)

Instructors will have full oversight of the 2020 project and will be provided with a list of volunteer mentors from the fields of architecture, engineering, construction management, and several of the construction trades who will be able to assist students in a virtual and/or in-class setting at the instructor's invitation. Industry mentors who will be in the classroom for two or more sessions will have completed FBI and DOJ background checks pursuant to state, county, and district regulations.

While the project is written as a team activity for two or more students, there is no limitation to the maximum number of students per team and the project may be completed as a full-class activity.

[Click here to register your school and learn more about](#) this year's project including instructions and deadlines for submittal items is provided here.

CREATE Program Manager

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