

# Curricular Resources and Support

## Engaging learning experiences for all

At Altitude Learning, we're committed to meeting all learners where they are and engaging them in meaningful, authentic learning experiences. That's why our platform comes with resources to help educators get started right away creating their own learning experiences as well as leveraging pre-built learner-centered units loved by teachers and students alike.



## Project-based learning units

To best support both in-classroom to at-home learning, the Altitude Learning platform comes with a library of cross-curricular, authentic learning units with culminating projects that are designed to guide daily instruction during remote learning and beyond.

Using learner-centered design principles, from a combination of Buck Institute Gold Standard Design Elements, Education Reimagined Learner-Centered Elements, and Katie Martin's 10 Characteristics of Learner-Centered Experiences, these projects are designed to be authentic and relevant, to provide opportunities for students to build agency, collaborate and become problem solvers through sustained inquiry and reflection.

Each unit comes with a teaching guide, recommended schedule and cadence, and standard-aligned extensions enabling educators to get started with units as-is right away or customize and adapt for their specific needs.

### Project-based learning units are:

- **1-2 weeks long** with a combination of live sessions and independent work.
- Designed for **grades K-8** with differentiated grade-level bands, providing the flexibility to create full school learning experiences or focus on a specific grade level.
- Created with **distance and hybrid learning** in mind so materials are flexible and, in some cases, optional.
- **Cross-curricular** and connected to **21st Century Skills, SEL** outcomes, and **content-based standards**.
- **Customizable** so educators can adapt them as necessary for their learners.

## Sample units

### Wanted-- Superheroes!

*How can we imagine and create superheroes that represent our strengths and things we care about?*



With a focus on fictional superheroes and individual strengths, students create superheroes that reflect them. Inspiration will come from examining existing superheroes in fiction and in real life, brainstorming and creating profiles, and developing collaborative superhero teams. The final share and celebration is a Comic-Con style event full of superhero stories (costumes encouraged).

**Grades K-1:** Superhero profile and comic strip • **Grades 2-4:** Superhero profile and duo story • **Grades 5-8:** Comic book page or video illustrating how superhero uses power to improve a selected issue.

### Fusion Food Trucks

*How might we use what we know about cuisines from around the world to design our own food truck?*

In this learning cycle, students embark on a culinary journey to explore cuisines from around the world and what it takes to open a food truck business. From there, they design their very own food truck and bring it to life with a name, logo, menu, and prototype vehicle. The project culminates with a virtual food truck gathering where learners share and celebrate their work.



**Grades K-1:** International food truck design • **Grades 2-8:** Fusion food truck design and advertisement

### You vs. Wild

*How might we create wilderness and camping guides for children our own age?*

In this unit, students “pack-up” and head out (or stay in) for a “camp out.” Armed with survival tips, they’ll create their packing list, plan and (optionally) prep food, build their sleeping structure, and venture out—trail mix in hand—for a night of “camping” at home or in the yard. Students are encouraged to join the final live learning celebration from their campsite to share their adventures and learning.



**Grades K-1:** Ranger Rick field guide or video • **Grades 2-4:** Video or flyer for REI kids •  
**Grades 5-8:** Video episode or choose your own adventure story map

To learn more, please email [partners@AltitudeLearning.com](mailto:partners@AltitudeLearning.com)