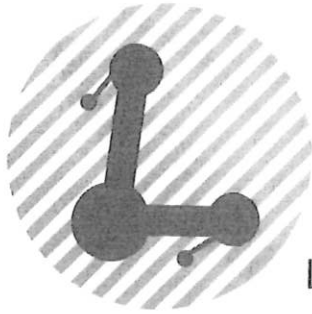




**Isabella Scocozza**  
**Township of Union Public Schools**  
**Director of Instruction and Funded Programs**  
**(908)-851-6553**

Approve Lobe Learning to perform fifty live virtual instructional "Curiosity Connection" sessions for students participating in the STEM Program at the following schools: Battle Hill, Connecticut Farms, Hannah Caldwell, Livingston and Washington Elementary Schools. Virtual instruction cost \$6250 and paid for through the ARP ESSER Account Extension 19960.



# Lobee Learning

Enrichment programs that reignite kids' love of learning

Lobee Learning is a fully turnkey enrichment program that helps students from all backgrounds discover their superpowers!

\*Lobee Superpowers are the skills, characteristics, and mindsets that help kids stay in love with learning. Examples include Curiosity, Resilience, Adaptability, and Confidence.

## So, what's in the box?

Each Lobee Session is a one-hour project-based lesson that gets kids excited about and engaged with challenging STEM content.

## Project Materials



Each session has a warm-up project and a challenge project. We provide all materials for these projects. Since challenge projects are designed to reinforce the engineering process, each student receives their own set of supplies to build, test, and iterate.

*Also, ya know, nobody has to wait for their turn with the class set.*

## Content Expertise



You don't have to be a STEM expert to use our program. Our animated videos provide the core of the science standards with intentional chunking. Styled after childrens' programming, our characters explain concepts in simple terms and with visual examples.

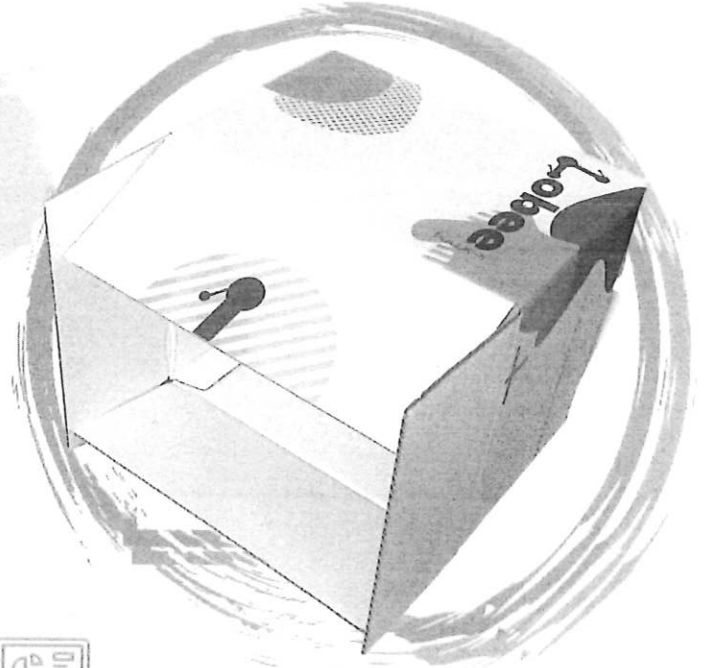
*Try to watch these videos without laughing. We dare you.*

## Live Instruction



Now, we can do this however you want. We can provide instructors from our network of highly trained virtual coaches or provide professional development and support to your existing educators.

*As the royalty of burgers says, have it your way...*



## Digital Platform

Each student is given their own account to interact with all the content. Students can revisit previous lessons, interact with extension activities, and share their projects with their classmates.

*It turns out that kids really, I mean really, love sharing their accomplishments with others...weird.*



## Reinforcement Activities

Digital activities are designed to appeal to various learning styles and are injected throughout each session to check for understanding and prompt class discussions.

*Is writing your jam? Great, we got you. You love visual arts? Perfect. Oh, you like auditory and music? Yep, also here.*

# More reasons to love Lobe!

## Program marketing

We want to help you engage families. Our team builds custom flyers, social media, emails, and other content to help get the word out to get students signed up.








## Metrics tracking

We use a multi-dimensional assessment to measure student engagement and improvement in their love of learning. (Includes student self-reporting, teacher observation, and interactions with our digital platform)

## Adult Engagement

The adults at home have a massive impact on student attitudes. We keep parents informed about what their children are doing and help them find the best ways to interact and engage.

Built by experienced educators for all students...  
...and it shows:

-  **Research-based:** Every detail of our program is intentional. Lesson structure, content scaffolding, information chunking, instructor training, project design - everything is built upon peer-reviewed research.
-  **21st Century Skills:** We prepare students for success. That means we help them get excited about learning today's content while giving them the skills they need to thrive in their lives beyond the classroom.
-  **NexGen Science Standards (NGSS):** Lobe is a STEM program. Our projects and core academic concepts are centered on NGSS to reinforce classroom learning and critical science standards.
-  **Interdisciplinary:** While science is the academic focus, we incorporate reading, writing, visual arts, math, history, and more throughout our sessions.
-  **Social-Emotional Learning (SEL):** Every session is aligned to one or more of the five core SEL competencies. And the engineering process used on all projects reinforces these skills.
-  **Culturally Sensitive:** We create a learning environment that celebrates cultural differences and builds relationships so that all students feel welcome, important, and included.
-  **Equity and inclusion:** Our mission is to help all students. We design our content and programs to be made as accessible as possible to all students.

Visit our website or send us a note to learn more:



[www.lobeelearning.com](http://www.lobeelearning.com)



[info@lobeelearning.com](mailto:info@lobeelearning.com)



# Lobee Learning

## Session Bundles

### Fun With Physics

- 10 Sessions -

*Students explore various “Lobee Superpowers” (Resilience, Curiosity, Adaptability, Confidence, and Growth Mindset) and how they can transform the learning experience.*

- **Science topics:** Force, energy, motion, gravity, friction, simple machines, chain reactions, and more.
- **Projects:** Satellite pom pom launcher, Marble roller coaster, Intergalactic straw rocket, Spaceman catapult, Planetary transport vehicle, Balloon rocket, Newton’s cradle, “Robotic” scissor arm, Rube Goldberg machine, and more.
- **Content:** 74 animated videos and over 20 projects

### Curiosity Connection

- 5 Sessions -

*Students discover the power of simply being interested in learning new things.*

- **Science topics:** Mass, matter, structures/materials, forces, potential/kinetic energy, protons, neutrons, electrons, and more.
- **Projects:** Authentic Atoms, the Bonding Bridge, Super Stable Structure, Tippity Top Tower, Gravity-Powered Gears, and more.
- **Content:** 31 animated videos and 10 projects

### A Recipe for Resilience

- 5 Sessions -

*Students discover the power of working through challenges with a good attitude.*

- **Science topics:** Weather, water cycle, energy, energy transference, rocketry, genetics, variation of traits, and more.
- **Projects:** Astonishing Elastic Auto, Model of a Super, Pneumatic Power Lift, Rain in a Jar, Perfectly Piped Rocket Launcher, and more
- **Content:** 33 animated videos and 11 projects

### The Cause for Confidence

- 5 Sessions -

*Students discover the power of believing in themselves to complete activities and understand new information.*

- **Science topics:** Weather, wind, earthquakes, density, buoyancy, mass, electricity, currents, and more.
- **Projects:** Puffy Parachute, Amazing Anemometer, Brilliantly Buoyant Mud Boat, Bright Light Site, and more.
- **Content:** 29 animated videos and 10 projects