



Multimedia Resources



UNEARTHEDTM



FIRST® LEGO® League Discover Multimedia Resources

Below is a session-by-session list of Multimedia Resources for the UNEARTHED™ season. These resources include links to websites, videos, building instructions, and other online tools related to the content of each session.

This document contains links to third-party websites which may contain articles, images, text, graphics, video, applications, software, and other content belonging to or originating from the content creators. While we conduct an initial review of such websites, FIRST is not responsible for any third-party content accessed through this guide, including its accuracy, appropriateness, completeness, offensiveness, opinions, reliability, privacy policies, or other practices of these sites. If you visit any of the sites listed in this guide, or share this third-party content with others, you do so at your own risk. You should review the applicable terms and policies, including privacy and data gathering practices, of any website to which you navigate.

You could share resources during sessions and/or encourage your students to explore them between sessions (with permission and supervision from a parent or guardian).

Go To Resources		
Email for General Support	FIRST LEGO League Discover: How It Works Flyer	Getting Started with FIRST LEGO League Discover Video
Getting Started with FIRST LEGO League Discover Six Bricks Video	FIRST Family Engagement Resources	Discover More Family Engagement Video
FIRST LEGO League YouTube Channel	UNEARTHED General Season Resources	Teamwork Makes the Dream Work FIRST LEGO League Music Video
General Resources		
LEGO Education Support	FIRST LEGO League (global)	FIRST LEGO League (US)
Impact of FIRST Programs	Buying LEGO Replacement Parts	FIRST LEGO League Support Videos
Family Engagement Resources		
LEGO Education Let's Build Together Activities	LEGO Foundation Learning Through Play Activities	LEGO® Family YouTube Channel
Help Them Play with LEGO® DUPLO®	Six Bricks Activities for Families Videos	



Educator Resources		
Skills Progression	Standards Alignments	Scope and Sequence Options
FIRST Certified Professional Development	FIRST Education Philosophy	STEAM Park Teacher Guide

LEGO Education & Six Bricks Resources		
Self-Guided Professional Development	LEGO Education Teacher Community	Six Bricks Booklet
Six Bricks Activity Cards	Six Bricks Numbers & Letters Practice	Six Bricks Books on Various Skills
Social Impact Resources		
FIRST Mentoring and Coaching with FIRST videos	Inclusive Recruitment & Enrollment Strategies	Additional Training & Resources

UNEARTHED Season Resources

[Season Resources](#) page includes:

- Season Launch Resources
- Links to Season Videos
- Discover Overview
- Discover Welcome Letter
- Discover Introduction
- Discover Set Building Instructions
- Student Participation Certificates
- Individual Session Slides
- UNEARTHED Season video resources on [FIRST LEGO League YouTube Channel](#)
- [Season content](#) (logos, templates, graphics, posters, wallpapers)

Core Value Resources

Book Resources	
The Squirrels who Squabbled by Rachel Bright	Fiction book about conflicts
A Little SPOT of Teamwork: A Story About Collaboration and Leadership by Diane Alber	Fiction book about teamwork
Brave Irene by William Steig	Fiction book about perseverance
The Invisible Boy by Patrice Barton	Fiction book about inclusion



My Mouth is a Volcano! by Julia Cook	Fiction book about taking turns
The Little Red Pen by Janet Stevens	Fiction book about cooperation
Going Places by Paul and Peter Reynolds	Fiction book about creativity
Web Resources	
FIRST at Home activities	A variety of free activities and links
FIRST Core Values through Social, Emotional Learning Activities	Part of <i>FIRST</i> at Home
33+ Awesome Team-Building Games and Activities for Kids	We Are Teachers
Team Building for Kids: A Complete Guide	Venture Team Building

Engineering Resources

Computational Thinking	
Computational Thinking in Preschool: What, Why, and How	Article and free app on the importance of computational thinking in pre-school students
Computer Science in Early Childhood Education	Article on the K-12 computer science frameworks
Computational Thinking for All	Resource toolkit for educators on computational thinking developed by ISTE
Unplugged Lessons in Computer Science Fundamentals	No tech coding lessons developed by Code.org. Course A for Kindergarten/Course B for Grade 1
Design Process	
Design Thinking: A Problem-Solving Framework Video (5:22)	Video for educators to understand design thinking by Edutopia
Design Thinking for Students and Teachers	Article with videos for teachers about design thinking and how to use it in the classroom
Design Thinking in the Kindergarten Classroom	Article and lessons with tips on how to use design thinking with your students
STEAM Park Resources	
STEAM Park Teacher Guide – Lessons: Functional Elements , Welcome to STEAM Park , and Gears	Guide created by LEGO Education to help facilitate the use of the STEAM Park materials

UNEARTHED Session Resources

Welcome to STEAM Park STEAM Park 2 STEAM Park 3 STEAM Park 4	STEAM Park 5 STEAM Park 6 STEAM Park 7 STEAM Park 8	STEAM Park Animations created by LEGO Education, great for introducing students to each part of the STEAM Park materials
Bringing STEAM to Life in Preschool Classrooms Video (1:32)		Video created by LEGO Education covering benefits of the STEAM Park set
STEAM Park Element List		Visual inventory created by LEGO Education, helpful to make sure you have all materials

General Archaeology Resources

Web Resources		
Merriam Webster Archaeology Words		A list of common words used in archaeology. Each session contains vocabulary words which are linked below.
Making a Field Journal AMNH		American Museum of Natural History guide to making a field journal.
Suggested Reading List - Archaeology in the Community		Additional reading related to archaeology. Each session is supported by a book resource below.
Video Resources		
Solving Mysteries with Archaeologists! (4:36)		SciShow Kids Episode
Archaeology Videos: Mysteries of the Past Nat Geo Kids - YouTube		Playlist containing National Geographic videos about archaeology.

Session 1: Let's Discover

Video Resources		
Archeologists - Career Spotlight (2:48)		Short video about working as an archaeologist
Shows and Tells Archaeology Full Episode The Magic School Bus (24:54)		Full episode of the Magic School Bus on YouTube
Web Resources		
Discover Six Bricks I (2:36)		FIRST LEGO League Video on the Discover More Six Bricks I Activity
Inspiration Photo from STEAM Park Functional Elements Lesson		LEGO Education STEAM Park Set Visual

Book Resources	
<i>Archaeologists Dig for Clues</i> by Kate Duke	An illustrated book showing how archaeologists uncover secrets of the past.
Vocabulary Resources	
Archaeology Definition	Vocabulary definitions from Britannica Kids
Tools Definition	Vocabulary definitions from Britannica Kids
Dig Site Definition	Vocabulary definitions from Britannica Kids

Session 2: Exciting Excavation

Video Resources	
"Digging In The Dirt!" Construction Vehicles Dance Danny Go! Movement Activity Songs for Kids (3:35)	Danny Go! explores using construction vehicles to dig in the dirt.
Dig In To Paleontology (4:41)	A video about digging for bones which is similar to archaeology.
Web Resources	
Discover Six Bricks II	FIRST LEGO League Video on the Discover More Six Bricks II Activity
Discover your World - NOAA	Activities and graphics related to the exploration of the planet
Book Resources	
<i>Dig Those Dinosaurs</i> by Lori Haskins Houran	Rhyming book that mixes fossil hunting and digging fun.
Vocabulary Resources	
Discovery Definition	Vocabulary definitions from Britannica Kids
Buried Definition	Vocabulary definitions from Britannica Kids
Excavate Definition	Vocabulary definitions from Britannica Kids

Session 3: Map Makers

Video Resources	
What is a Map? Curious George (5:00)	Curious George clip to introduce the concept of a map and how they are used.
Web Resources	
Map and Globe - Kids Britannica Kids	Introduces how people use maps to study geography and history.

Mapping the Classroom	Students practice using the language of location and then apply it when creating a map of their classroom.
Book Resources	
<i>Me on the Map</i> by Joan Sweeney	Easy-to-understand book about how maps show us where we are and where we've been.
Vocabulary Resources	
Map Definition	Vocabulary definitions
Flag Definition	Vocabulary definitions
Record Definition	Vocabulary definitions

Session 4: Scale Sorting

Video Resources	
Sort the Same Group Two Different Ways Preschool and Kindergarten Kids Academy (4:55)	Video with activities to practice sorting.
Web Resources	
Archaeology - Kids Britannica Kids Homework Help	Article on archaeology and how tools are used to sort what is found.
Book Resources	
<i>Sorting Through Spring</i> by Lizann Flatt	Encourages sorting and classifying, important steps in archaeology.
Vocabulary Resources	
Artifact Definition	Vocabulary definitions from Britannica Kids
Sort Definition	Vocabulary definitions from Britannica Kids
Scale Definition	Vocabulary definitions from Britannica Kids

Session 5: Ancient Homes

Video Resources	
Mr. Puell - Different Types of Homes (5:43)	Video describing the different types of homes with vocabulary.
Web Resources	
Shelter - Students Britannica Kids Homework Help	Article that shows many types of shelters used by ancient civilizations.
Book Resources	

<i>If You..</i> Series by Anne Kamma	Child-friendly nonfiction about ancient ways of living. Many books in series.
Vocabulary Resources	
Materials Definition	Vocabulary definitions from Britannica Kids
Technology Definition	Vocabulary definitions from Britannica Kids
Rebuild Definition	Vocabulary definitions from Britannica Kids

Session 6: Archaeology Tools

Video Resources	
The Tools an Archeologist Uses	Video where a family meets an archaeologist in a museum to learn about the tools she uses.
Web Resources	
K-12 Archaeology Activities & Resources	Wide variety of archaeology lessons including a packet for young children to learn about tools.
Book Resources	
<i>I Want to Be an Archaeologist</i> by Kirk Charlton	Explores the tools and work of an archaeologist through photos.
Vocabulary Resources	
Shovel Definition	Vocabulary definitions from Academic Kids
Brush Definition	Vocabulary definitions from Britannica Kids
Wheelbarrow Definition	Vocabulary definitions from Britannica Kids

Session 7: Archaeology Adventure

Video Resources	
"Don't Stop Digging!" Gemstone Mine Adventure Danny Go! Dance Songs for Kids	Fun dance video from Danny Go! about digging up gemstones and working as a team.
Web Resources	
DTN Classroom Activity Sharing.pdf	Sharing activity that can be applied to creating a story about an archaeology adventure.
Book Resources	
<i>This Little Explorer</i> by Joan Holub	Board book that introduces explorers readers.
Vocabulary Resources	
Recover Definition	Vocabulary definitions from Britannica Kids
Adventure Definition	Vocabulary definitions from Britannica Kids

Share Definition	Vocabulary definitions from Britannica Kids
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Session 8: Time Capsule

Video Resources	
ARTHUR Time Capsule Treasures PBS KIDS (1:13)	Video from Arthur on PBS to introduce the idea of a time capsule
Web Resources	
How to Make a Time Capsule for Kids Ideas	Simple ideas for how to introduce and create time capsules for young children
Book Resources	
<i>Time Capsule</i> by Lauren Redniss	A book about time capsules that gets readers thinking about their own lives.
Vocabulary Resources	
Time Capsule Definition	Vocabulary definitions from Britannica Kids
Future Definition	Vocabulary definitions from Britannica Kids
Preserve Definition	Vocabulary definitions from Britannica Kids

Session 9: Ancient City

Video Resources	
Ancient Rome for Kids Learn all about the History of the Roman Empire for Kids (8:03)	Video about ancient Rome and how it was formed
Book Resources	
<i>City Shapes</i> by Diana Murray	Connects shapes with the features of cities, both ancient and modern.
Vocabulary Resources	
Story Telling Definition	Vocabulary definitions from Britannica Kids
Reflect Definition	Vocabulary definitions from Britannica Kids
History Definition	Vocabulary definitions from Britannica Kids

Session 10: Let's Celebrate

Video Resources	
Celebrate - GoNoodle Dance Along Song (2:34)	Video and song to play for students to dance along to
Hosting a Celebration Event (1:16)	Video by the IET on the basics of hosting an event
Web Resources	
Customizable Student Certificates	Printable certificates to award to each student
Event Introduction	A very high-level overview of what the celebration event will look like

Career Resources

General Career Resources	
Visit the Learning Lab and search careers from A-Z	PBS Learning Media
Amazon Future Engineer Class Chat	Amazon
O*NET OnLine	United States Department of Labor
Career Exploration Lesson Plans	Nebraska Department of Education
Career Resources for Elementary Grades P-5	Workforce Solutions
Career Exploration	Career profiles from the United States Bureau for Labor and Statistics
Career Exploration Kahoot Course	Kahoot Courses for learning about careers and how <i>FIRST</i> prepares you for your future

Additional Resources

Extension Activity Resources	
<i>FIRST</i> at Home	These free activities supplement the <i>FIRST</i> season materials
What is a Robot?	Lesson plan from PBS Learning Media
Wild-Inspired Robotic Arms	Video, background reading, and lesson plan from PBS Learning Media
Engineering for Good	Project-based Unit from PBS Learning Media
Books on Inventors	Inventive Kids
Invention Education Curricula	Links to invention-focused lesson plans from Invent Ed
Drawing Designs in Detail	Hands-on activity plan from teachengineering.org

