Level 5: Equity & Ethics

Edition 1

TORCH LIGHT

Est 2017

LITERATURE BASED
SECULAR CURRICULUM
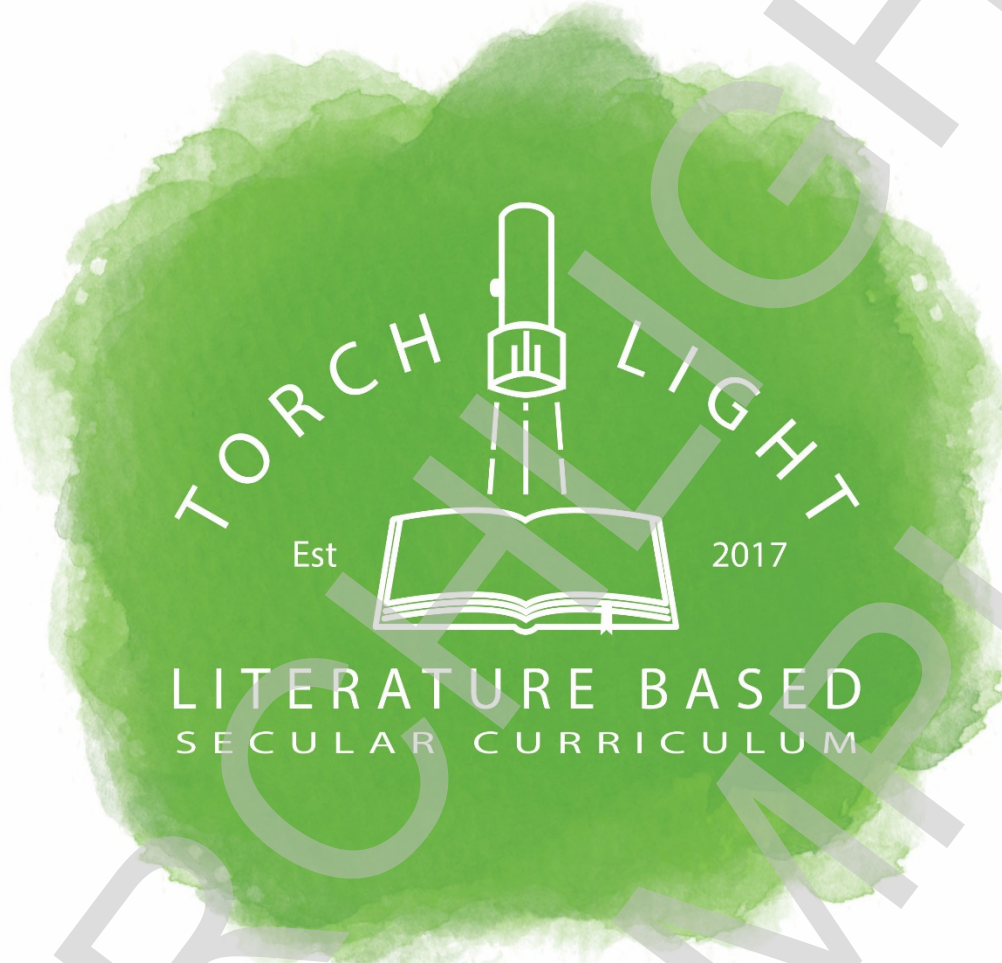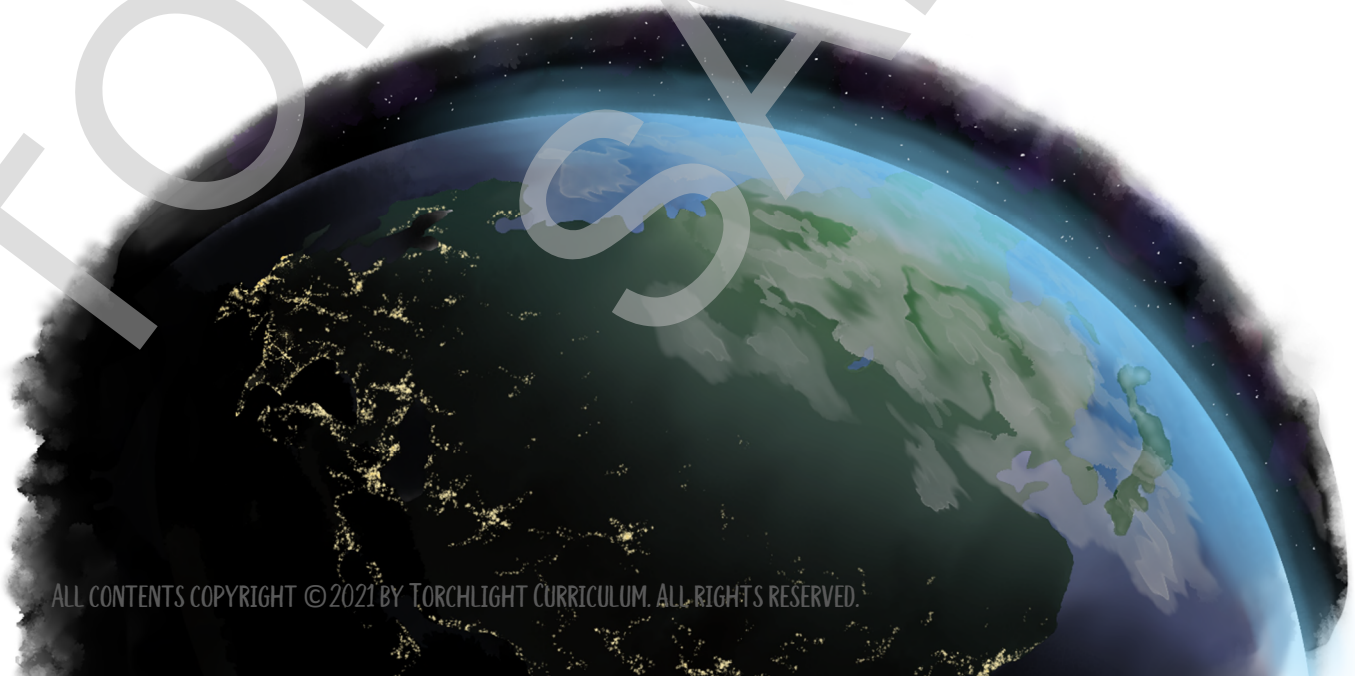
A Look at What it Means to be a Part of a Global Community

WEEK 5: Water Challenges (optional weekly schedule)

	Day 1	Day 2	Day 3	Day 4	Day 5
Lit & Poetry	A Girl, a Raccoon, "Before the Scream" + ch. 1–2 VSB	A Girl, a Raccoon, ch. 3–4	A Girl, a Raccoon, ch. 5–7	A Girl, a Raccoon, ch. 8–10	A Girl, a Raccoon, ch. 11–12
Writing/ Lang. Arts	SB, Wk. 5: Editing #1		SB, Wk. 5: Editing #2	SB, Wk. 5: Writing Opp.	BP, pp. 67-76 + exercise
Art & Music		Thematic Map Art act.			
Geo, S.S. & History	Stay Informed Cities, ch. 4 + act.	Data-Driven Maps act. BCR: Kid Activists	BCR: Kid Activists Geography Video	BCR: Kid Activists	BCR: Kid Activists
Math					
Science		SCI Level 5, Convection Currents Sess. 1		SCI Level 5, Convection Currents Sess. 2	
Equity & Ethics			TBAR, pp. 24–29 + act.		
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Read over Literature Primers & collect supplies

Week 5 Learning Partner Prep
Collect other supplies/materials for the week. Prepare materials for SCI. Plan your Book Club Reader meeting time and days for the week.

Week 5 Activity Supplies
Art: Watercolor paper, watercolor paint, pencil, watercolor brushes, colored pencils
Science: Check SCI
Social Studies: 2-liter plastic bottle, scissors, filter materials (sand, gravel, coffee filter, sponge, cotton, etc.), paper, pencil, contamination materials (plant debris, ripped paper, soil, etc.), water, measuring cup, pitcher, stopwatch

Week 5—Checklist

Water Challenges

Literature & Poetry

📋 Read *A Girl, a Raccoon, and the Midnight Moon*, "Before the Scream" + ch. 1–2

⚡ *Research* Edna St. Vincent Millay

📋 Read *A Girl, a Raccoon, and the Midnight Moon*, ch. 3–4

⚡ *Listen to the songs on p. 27, "Ah, Sweet Mystery of Life" and "Zip-a-dee-doo-dah" from the film Song of the South*

💬 *It's important to discuss problematic material with learners when it comes up in context at this age. Learners should be informed of the racist nature of this movie and song, so they are aware of it if it comes up in cultural context throughout their life. A good place for you, the LP to start:*

The six-part history of the film on Karina Longworth's You Must Remember This podcast.

And the article How Disney Tried and Failed to Remove Song of the South from History by Kayleigh Donaldson.

📋 Read *A Girl, a Raccoon, and the Midnight Moon*, ch. 5–7
📋 Read *A Girl, a Raccoon, and the Midnight Moon*, ch. 8–10
📋 Read *A Girl, a Raccoon, and the Midnight Moon*, ch. 11–12
📋 Complete 2 pages of the Vocabulary Spell Book

Writing/Language Arts

📋 ⚡ Complete Torchlight Level 5 Student Book, Week 5: Editing #1
📋 ⚡ Complete Torchlight Level 5 Student Book, Week 5: Editing #2
📋 ⚡ Complete Torchlight Level 5 Student Book, Week 5: Writing Opportunity
📋 Read *Brave the Page*, pp. 67–76
📋 ⚡ Complete "Quest 1 Dare Machine" activity, p. 75–76

Art & Music

📋 ⚡ Complete Thematic Maps & Art, p. 56

Social Studies & History

- Stay Informed: catch up on weekly news and discuss
- Read *Cities*, ch. 4, "Water Challenges"
- ⚡ Complete activity pp. 42—43 "Water Filtration"
- ⚡ Complete Data-Driven Thematic Maps activity on p. 57
- Watch *What is a Map?* (CC Geography #2) by Crash Course Geography
- Read BCR: *Kid Activists*, Pace: 4 profiles per week: _____
- Read BCR: *Kid Activists*, Pace: 4 profiles per week: _____
- Read BCR: *Kid Activists*, Pace: 4 profiles per week: _____
- Read BCR: *Kid Activists*, Pace: 4 profiles per week: _____

Math

-

Science

- Complete SCI Level 5, "Convection Currents" (A18) Session 1: Density
- Complete SCI Level 5, "Convection Currents" (A18) Session 2: Convection

Equity & Ethics

- Read *This Book is Anti-Racist*, pp. 24–29, "What is Race?"
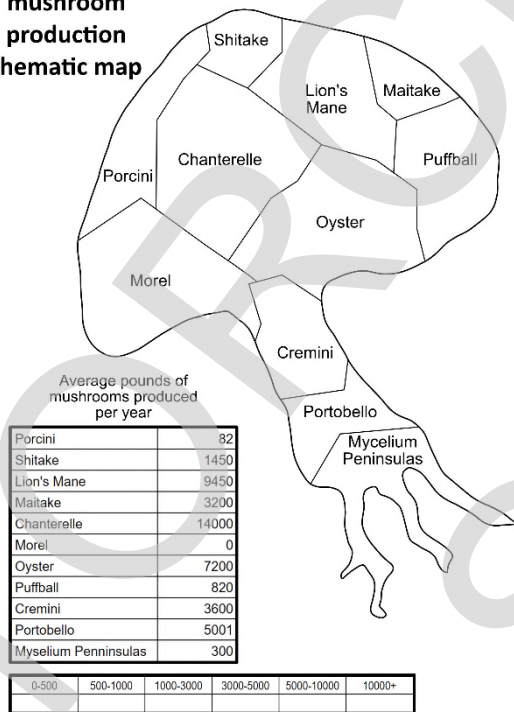- ⚡ Complete activity, "Your Own Race and Ethnicity," p. 29

Data-Driven Thematic Maps Activity

Read over this simple introduction to thematic maps with your learner, then direct them to p. 66 in their Student Book to complete their data-driven thematic map. For extra practice recognizing different map types, you can pull out a reference atlas and flip through its pages, identifying map types as you go and discussing the usefulness of each map type.

The category of Thematic maps covers all sorts of maps, but their primary common thread is that they display information on a geographic location that all falls under one topic or theme. This definition means that thematic maps can be data-driven, such as showing population statistics for regions within a country or annual rainfall totals worldwide. In many cases, thematic maps are used in specialized industries or research institutes to display specialized knowledge that makes it easy to visually compare a large amount of data all at once. But thematic maps are not all data-driven. Remember, as long as the map has a unifying theme, it is technically a thematic map, so thematic maps can be fun, artistic maps as well, such as landmark maps or tourist maps. We will learn more about that in our upcoming art project and create a fun map of our own. Until then, let's get a bit of practice making a data-driven thematic map for our irreverent imaginary island, Shroom Island, whose main export is, you got it, mushrooms!

Shroom Island's mushroom production thematic map

Shitake
Lion's Mane
Maitake
Porcini
Chanterelle
Puffball
Oyster
Morel
Cremini
Portobello
Mycelium Peninsulas

Average pounds of mushrooms produced per year

Porcini	82
Shitake	1450
Lion's Mane	9450
Maitake	3200
Chanterelle	14000
Morel	0
Oyster	7200
Puffball	820
Cremini	3600
Portobello	5001
Myselium Penninsulas	300

0-500	500-1000	1000-3000	3000-5000	5000-10000	10000+

Your learner will find a data table for Shroom Island on the lower left of their page. This data is the information they will be displaying on their provided map that is separated by counties. Below their data table is their legend. They should start by choosing a color to represent each data range and fill the blank square underneath the data range with the color they chose to represent it. Many thematic map-makers choose to use colors increasing in depth and saturation (light to dark or vice versa) or colors that go along the rainbow color spectrum to make the visual effect more impactful and easier to read. They can now reference their data table to determine which counties get which colors start colorizing. Once finished, ask them, "Which county is the highest producer of mushrooms?" and "Which county is the lowest?" This information should be much easier to glean at a glance as opposed to reading through the table.

Thematic Maps & Art

Read over the following instructions with your learner:

We learned about the usefulness of data-driven thematic maps to help us glean information at a glance. Now let's look at a different kind of thematic map, one you have likely seen before. If you have ever been to a theme park, you have probably used a thematic map to find your favorite attractions or a place to eat lunch. The themes of those maps are tourism. Your very own city might have tourism maps you can see online or pick up from your local tourism office. These maps might be a helpful reference for this project if you have access to it.

Your artistic challenge for this project will be to choose a tourism theme and create an artistic map of your city or town based on that theme. Your map should include main streets that allow tourists to get to the destinations you choose, but side streets that are not needed to get to your destination do not need to be included.

<u>You will need the following supplies:</u>

Watercolor paper or thicker, quality art paper
Artistic tools of your choice (pencils, watercolor or acrylic paints, oil pastels, etc.)

<u>Here are a few theme ideas to get you started:</u>

Beaches
Sweet treats (like in our example)
Best restaurants
Most popular tourist attractions
Popular hiking spots
Sightseeing opportunities
U-Pick Farms
Book stores
A map of libraries
Dog and pet-friendly attractions
The options are endless!

If you need a good map of your town, head to Google Maps and print one out for a reference. If you would like to observe a great thematic map artist, you can see beautiful maps by Alice Tait at her [website's shop](#).

Extensions

☐ **Learn more about urban wastewater systems**
Watch [An Intro to Urban Wastewater Systems](#) (City Beautiful)

Water Challenges Enrichment Extensions

Books

☐ Rise Up: Ordinary Kids with Extraordinary Stories

☐ Brilliant Maps for Curious Minds

☐ Prisoners of Geography: Our World Explained in 12 Simple Maps

Older Learner

☐ Youth to Power: Your Voice and How to Use It

☐ Girls Resist!: A Guide to Activism, Leadership, and Starting a Revolution

☐ Wake, Rise, Resist

* Please vet all movies prior to viewing with your learner.