



1st Grade Art & Literacy Curriculum Set

Projects that Build Knowledge around Content-Rich Literacy Topics

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About the Curriculum

IMPACTFUL: With the Art & Literacy Curriculum Set, common literacy topics were identified for each grade by comparing freely available (OER) literacy curricula¹. Doodles Academy then created a series of art projects designed to build knowledge around the ELA topics, and paired the projects with supplemental materials to support literacy learning outcomes.

HIGH-QUALITY: The Doodles Academy curriculum encourages a growth mindset by focusing on process over product: projects are designed to allow students to tell their own stories and individualize art projects. This creates a more engaging and more challenging environment where students learn to solve their own problems rather than copying a model.

EASY-TO-USE: The Doodles Academy curriculum is easy to implement whether or not educators have a background in the arts: comprehensive, clear, standards aligned plans are provided, and links to demonstration videos are included. All projects have been thoroughly workshopped in real classrooms.

¹ El Education and Bookworm Curricula

Outline of Course Components

Overview:

2 projects, 10 lessons, per grade level (1st-5th Grade)

Project Contents:

1. At-a-Glance and Standards:

- a. The 'At-a-Glance' and 'Standards' page gives an overview of the project. Everything on this page is applicable to the project in its entirety. Included on this page are the following sections:
 - i. Synopsis
 - *Identifies the Literacy Topic this project connects to*
 - *Identifies the grade-level*
 - *A quick summary of the project*
 - ii. List of Materials
 - iii. List of Books/Media
 - iv. List of Photocopies needed, with links to the documents
 - v. Knowledge Building:
 - Text Set
 - a. *Suggested resources from different genre, media, and levels of reading difficulty designed to support knowledge building around the given topic. These are a suggested resource to increase contextual understanding of the literacy topic; the art projects can be done without also introducing text sets.*
 - Key Vocabulary:
 - a. *Tier 2 & Tier 3 Vocabulary*
 - i.
 - vi. Standards
 - Common Core

- Integrations
 - a. *Potential ways this project could integrate with other subject areas*
 - b. *Connections to known OER content*
- National Core Visual Art Standards
- Art Principles
- Art Elements

Typical Lesson Structure:

Each project contains five 45-60 minute long lessons plans. While not without exception, the first four lessons typically follow the same format, and the fifth lesson is used as a workday. In some cases, a teacher may opt to give students an additional workday. A typical lesson plan includes the following, in the following order:

Overview:

1. Synopsis
 - a. *A quick summary of the lesson*
2. Objectives
3. Set-up
 - a. *Suggestions for setting up the materials and identifying anything to be prepped or considered in advance of the lesson*
4. Materials
 - a. *The materials needed for the lesson. This will often include 'optional' materials, with a reference to 'Early Finishers'. This refers to a section of the lesson plan that gives suggestions for what to do with students who finish ahead of their classmates.*
5. Photocopies
 - a. *The photocopies or examples needed for the lesson. Pay attention to the notes for quantity or if the photocopies are optional. As an example, teachers have the option of showing a video to introduce the lesson, or using the notes in the video section and presenting it themselves. If presenting it themselves, they will sometimes need to gather some examples prior to the lesson, and these would be notated in this section.*
6. Media
 - a. *Books, websites, etc. that student should be able to reference. Often these will be optional, so pay attention to notes.*
7. Inspiration Image

- a. *A link to an artwork, along with information about the artist and the circumstances around the creation of this artwork. This information can and should be imparted at the teacher's discretion during the discussion of the inspiration image.*

Lesson:

1. **Inspiration: 10min.**
 - a. *Look at and discuss the 'Inspiration Image', an art piece that introduces some of the lesson concepts (see inspiration image in the Overview). We suggest that this discussion be based on 'Visual Thinking Strategy', an inquiry-based teaching method that encourages students to use visual evidence and build on one another's observations to discuss an artwork. In this method of teaching, the teacher acts as facilitator, but should remain neutral as the student's observations guide the discussion.*
2. **Introduction: 5min**
 - a. **Watch the video introduction & check for understanding**
 - i. *The video is linked in the project's scope & sequence, & is alternatively available on the Doodles Academy online platform (doodles-academy.org/project, then navigate to the correct project and lesson).*
 - ii. *Included is a summary of the video introduction and basic instructions. This is for educators who choose to present and demonstrate the material without using the video. In this case, more time should be allotted for the introduction.*
3. **Worktime: 20-25min**
 - a. *Identifies whether it is group or independent work-time*
 - b. *Identifies a focus question for the instructor to help frame their interactions with students*
 - c. *Gives suggestions on how to structure work-time, including framing discussions*
4. **Cleanup & Presentations: 5-10min**
 - a. *This section outlines a group activity, discussion, or presentation to do while select helpers clean. Most typically, students share their works in progress and collect respectful feedback from their classmates.*
5. **Anticipated Problems**
 - a. *A section identifying problems that may arise, and how to address them*
6. **Early Finishers**
 - a. *Suggestions for students who finish early*

Project 1: Designing the Zodiac

Project Overview:

5-6 lessons	<p>LEARNING: In this project, student artists are introduced to constellations and their stories from Greek, Native American, and Inca cultures; they compare how these cultures interpreted the same groups of stars in the sky and learn about how they incorporated the changing sky into their mythology.</p>		
	<p>CREATING: Student artists brainstorm their own, original, constellations, create an origin myth, redraw their brainstorms into a thought out composition of the night sky, and finish using liquid watercolor and oil pastels.</p>		
	<p>CONNECTING: This project is thematically aligned with the topic 'sun/moon/stars'. Specifically, it addresses the general theme of the sky; how the stars inspired storytellers and artists throughout different cultures, and also addresses how the changing sky influenced these stories.</p>		
At-a-Glance & Standards		Link: http://bit.ly/DZ_At-a-glance_standards	
Lesson 1	SW learn that nearly every culture found 'pictures' amongst the stars in the sky, and these pictures would describe characters from myths, earthbound creatures, or sometimes objects. They then get copies of constellation dots and they connect the dots to make their own 'constellations'.	Video Link: http://bit.ly/DZ_Lesson1_video	Link to Lesson: http://bit.ly/DZ_L1
Lesson 2	SW learn about Greek constellation 'origin stories'. Using a self-paced work-packet as a guide, they choose 1 (or more) of their brainstormed constellations from lesson 1 and use a story map to roughly write or illustrate an origin story.	Video Link: http://bit.ly/DZ_Lesson2_video	Link to Lesson: http://bit.ly/DZ_L2
Lesson 3	SW learn about a Native American constellation myth, and how the characters often enacted a narrative in the sky. Students use their origin story to design a composition, and begin work on a final drawing.	Video Link: http://bit.ly/DZ_Lesson3_video	Link to Lesson: http://bit.ly/DZ_L3

Lesson 4	SW learn about the Inca People, and how they saw constellations in the absence of stars. They then have two days to paint their drawings.	Video Link: http://bit.ly/DZ_Lesson4_Video	Link to Lesson: http://bit.ly/DZ_L4
Lesson 5	SW have a fifth day entirely for finishing and refining work.	No Video	Link to Lesson: http://bit.ly/DZ_L5
(optional)	Final day to work on and complete project	No Video	No Lesson
Assessment Rubric		Link: http://bit.ly/DZ_AssessmentRubric	

Project 2: Artist, Explorer, Scientist

Project Overview:

5-7 lessons

LEARNING: In this project, student artists learn about how scientists use drawing in their field research. They focus their studies on the ornithologist John Audubon. He was notable for his extensive studies documenting all types of American birds and for his detailed illustrations that depicted the birds in their natural habitats. He eventually produced a book called 'Birds of North America' which contained 435 life-sized watercolours of North American birds, all reproduced from hand-engraved prints.

CREATING: Students begin the project by creating 'field sketches' through which they learn the basics of observation drawing. They then pick an animal figurine of their choice, draw it from observation, study the habitat of the animal, create an accurate background for their drawing, and then turn the drawings into a series of prints.

CONNECTING: This project is thematically aligned with the topic of 'birds'.. Specifically, it supports 1st graders in their study of birds by looking at the biography and artworks of John Audubon.

In addition, there is a lot of room for customizing the lesson to directly support classroom learning of animals and their habitats. During lessons 2&3, the teacher can curate the source material to match their classroom learning objectives (e.g., if a class is studying the rainforest, choose animals found in the rainforest for the project, and students are instructed to research their animal's habitat)

At-a-Glance & Standards

Link: http://bit.ly/AES_at-a-glance_standards

Lesson 1

SW learn about field sketches and create their own.

Video Link:
http://bit.ly/AES_Lesson1_Video

Link to Lesson:
http://bit.ly/AES_L1

(optional)

Optional second day for field sketches.

No Video

See instructions in Lesson 1

Lesson 2	SW learn about the ornithologist John Audubon, then make an observation drawing of an animal figurine.	Video Link: http://bit.ly/AES_Lesson2_Video	Link to Lesson: http://bit.ly/AES_L2
Lesson 3	SW learn about how John Audubon collected and painted his bird specimens; they then research and draw a descriptive background/habitat for their own animal.	Video Link: http://bit.ly/AES_Lesson3_Video	Link to Lesson: http://bit.ly/AES_L3
(optional)	Optional second day for researching their animal's habitat.	No Video	See instructions in Lesson 3.
Lesson 4	Students learn about John Audubon's ambition to paint every bird in North America, then they turn their drawing into a printing plate.	Video Link: http://bit.ly/AES_Lesson4_Video	Link to Lesson: http://bit.ly/AES_L4
Lesson 5	SW create & exchange prints.	Video Link: http://bit.ly/AES_Lesson5_Video	Link to Lesson: http://bit.ly/AES_L5
Assessment Rubric		Link: http://bit.ly/AES_AssessmentRubric	

Materials

	ASIN/ISBN	Size per	Project 1: Zodiac	Project 2: Art./Explr/Sc.	Quantity to Order (class size=24-30)
Consumables					
pencils/2B	B071JM699B	30 count	X	X	1
eraser	B00JPAY9LM	36	X	X	1
sharpie	1884739	36	X		1
Ball point pens	B078S7TK2V	36		X	1
Oil Pastels	B002ZD1XRO	432 (class set)	X		1
lined paper	B00005C55O	1 pack/200 sheets	X		1
copy paper	B073H7VJ38	1 ream/500 sheets		X	1
Colored Copy Paper (variety)	B01GUUARV0	150 sheets/25 colors		X	2
construction paper, 9x12", assorted colors	B0013NVA7K	150 sheets		X	1
11x15" watercolor paper	B0049UXGD0	30 sheets	X		1
Masking Tape	B07JN1YM7B	2 pack/ 1"/60 yards		X	1
Liquid Watercolors	B005V9VWZW	6 colors/8oz each (class set: enough for 2 projects)	X		1
Paper Cup (water for paint.etc)	B001E665UI	100	X		1
Styrofoam printing plates	B007EA4XAW	9x12"/pack of 12		X	3
Printing Ink/Set	blick- 40305-1005	8 oz White		X	1
	40305-2004	2.5 oz Black		X	1
	40305-5005	8 oz Blue		X	1

	40305-3045	8 oz Majenta		X	1
	40305-4005	8 oz Yellow		X	1
	40305-4054	2.5 oz gold		X	1
Reusable Art Goods					
Breyers	4336975985	pack of 2/rubber/ 4"		x	6
Brushes, round	B003V13JNA	72 brushes, 12 aprons (class set)	X		1
Brushes, flat	B0044S5FWW	72 brushes, 12 aprons (class set)	X		1
Painting Rags	B01BJM7MXK	25 pack	X		1
palettes	B078SRR7ZF	Pack of 24	X		1
Teacher Responsibility					
Magazines	NA	TEACHER COLLECTS		X	
Animal Figurines	NA	TEACHER COLLECTS		X	
Botanical Examples	NA	TEACHER COLLECTS		X	
Standard (assume that all classrooms have)					
scissors			X	X	
stapler				X	
Pencil Sharpener			X	X	
Optional (see scope & sequence for details)					
Magnifying Glasses				X	
Colored Pencils				X	

Markers			X		
Colored paper			X		
The Constellation Hercules: The Story of the Hero (Constellations)	9781623234867		X		
The Constellation Cassiopeia: The Story of the Queen (Constellations)	1623234840		X		
The Constellation Draco: The Story of the Dragon (Constellations)	1623234859		X		
The Constellation Scorpius: The Story of the Scorpion	1623234883		X		
Zoo in the Sky: A Book of Animal Constellations	792259351		X		
Coyote Places the Stars	689815352		X		
How the Stars Fell into the Sky: A Navajo Legend	9780395779385		X		
Phases of the Moon (Patterns in Nature)	736896171		X		
How to Bicycle to the Moon to Plant Sunflowers	1596435127		X		
Watercolor paper				X	
Here Is the Southwestern Desert (Web of Life)	977379566			X	
Here is Antarctica	977753972			X	
Here is the Coral Reef	097737954X			X	
Here is the African Savanna	977379523			X	
Here is the Southwestern Desert	977379566			X	
Here is the Wetland	977379582			X	
Here is the Tropical Rainforest	977379507			X	

Planet Earth: As You've Never Seen It Before	9780520250543			X	
National Geographic Kids Bird Guide Of North America	1426330731			X	
National Geographic: Oceans	1426306865			X	
An Egg is Quiet	1452131481			X	
A Place for Birds by Melissa Stewart	1561454745			X	
City Hawk: The Story of Pale Male by Meghan McCarthy	141693359X			X	
What Makes Day and Night by Franklyn Branley	606377387		X		
Does the Sun Sleep? by Martha E.H. Rustand	146778611X		X		

Copyright Information:

Doodles Academy presents artworks in the public domain as well as works that are protected by copyright and used in accordance with fair use for informational or educational purposes. If you are the copyright holder of a work of art used within our lessons and do not agree that it falls under fair use, please contact us by email.

Project: Designing the Zodiac			
File Name	Image	Used in...	Image Owner/Location
DZ.L1.I2	Pic of Night Sky	Video, L1	Pixabay, fair use
DZ.L1.I3	Icons	Video, L1	Noun Project, paid member
DZ.L2.I1 1.	'School of Athens' by Raphael	Video, L1	Public Domain, Fair use
DZ.L1.I5	Pic of Orion	Video, L1	By 阿爾特斯 [CC BY-SA 3.0]
DZ.L1.I6	'Equinox: Analemma over the Callanish Stones', by Giuseppe Petricca	Inspiration Image, L1	NASA
DZ.L2.I1	Greek Painting, Thor's Fight with the Giants by Mårten Eskil Winge, 1872	Video, L2	Public Domain, Fair Use
DZ.L2.I2	Greek Pottery	Video, L2	Public Domain, Fair Use, Found on Wikimedia, Located at The Metropolitan Museum of Art
DZ.L2.I3	Hercules Constellation	Video, L2	By IAU and Sky & Telescope magazine (Roger Sinnott & Rick Fienberg) (11) [CC BY 3.0 (https://creativecommons.org/licenses/by/3.0)], via Wikimedia Commons

DZ.L2.I4	Constellation Map	Video, L2	http://www.geographicus.com/mm5/cartographers/migeon.txt [Public domain]
DZ.L2.I5	Pegasus Constellation Art	Video, L2	Sidney Hall [Public domain], from Wikipedia
DZ.L2.I6	Artwork: Pegasus	Video, L2	Public Domain, Fair use
DZ.L2.I7	Artwork: Pegasus	Video, L2	Public Domain, Fair use
DZ.L2.I8	Zeus & Pegasus Statue	Video, L2	Antoine Coysevox [Public domain], From Wikipedia
DZ.L2.I9	Pegasus Constellation Photo	Video, L2	By Till Credner [CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0/)], from Wikimedia Commons
DZ.L2.L10	Greek Sculpture	Video, L2	Pixabay, fair use
DZ.L2.L11	'School of Athens' by Raphael	Video, L2	Public Domain, Fair use
DZ.L2.L12	Earthquake	Video, L2, Thoughtbubbles	Pixabay, fair use
DZ.L2.L13	God in Water	Video, L2, Thoughtbubbles	Pixabay, fair use
DZ.L2.L14	God's Foot	Video, L2, Thoughtbubbles	Pixabay, fair use
DZ.L2.L15	Hercules and the Hydra of Lerna, by Antonio Tempesta & Nicolo Van Aelst, 1608.	Inspiration Image, L2	Public Domain, Fair use, Located at the Los Angeles County Museum of Art
DZ.L3.L16	Person looking at the stars	Video, L3	Pixabay, fair use
DZ.L3.L17	Icons in sky	Video, L3	Noun Project, paid member

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DZ.L3.l1 8	Time-lapse of Big-Dipper Moving Across the Sky	Video, L3	From YouTube, repeated attempts to contact the owner were not responded to, YouTube username listed on the screen during the time-lapse and in credits. 'AstroJML'.
DZ.L3.l1 9	Image of Micmac people	Video, L3	Image from page 95 of "Beothuk and Micmac" (1922), no known copyright restrictions
DZ.L3.l2 0	Bear Constellation	Video, L3	Image from Flickr: Slide produced by the Province of Ontario Picture Bureau, probably in the 1920s, for use in Ontario schools. Public Domain
DZ.L3.l2 1	Picture of the Night Sky Moving	Video, L3	Pictures of the night sky (Ursa Major) taken from https://in-the-sky.org/skymap.php , used with permission from © Dominic Ford. Credited in video
DZ.L3.l2 2	Picture of the Night Sky Moving	Video, L3	"
DZ.L3.l2 3	Picture of the Night Sky Moving	Video, L3	"
DZ.L3.l2 4	Picture of the Night Sky Moving	Video, L3	"
DZ.L3.l2 5	Tlingit artist, Bear Mask, ca. 1890	Inspiration Image, L3	Public Domain, fair use. Located at the Portland Art Musuem

DZ.L4.I2 6	picture of Inca king painting	Video, L4	wikipedia commons, public domain
DZ.L4.I2 7	Map of Incan Empire	Video, L4	By L'Américain [CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0) or GFDL (http://www.gnu.org/copyleft/fdl.html)], from Wikimedia Commons (credited in credits)
DZ.L4.I2 8	photoshop of an lion under the night sky, then with the red star	Video, L4	See star picture used in L2, Pixabay. Lion Icon from Noun project (paid member).
DZ.L4.I2 9	Picture of the Milky Way	Video, L4	Pixabay, fair use
DZ.L4.I3 0	Picture of the Milky Way + icons	Video, L4	Noun Project, paid member
DZ.L4.I3 1	Constellation Painting by Miguel Araoz Cartagena	Video, L4 & Inspiration Image	Copyrighted by Miguel Araoz Cartagena, used under Fair Use (instructional). Credited on screen and in credits. Located at the Archaeological Museum of Cusco.

Project: Artist, Explorer, Scientist			
File Name	Image	Used in...	Image Owner/Location
AES.L1.l 2	Landscape/Cartoon Woman	L1., Video	Fair Use, Pixabay
AES.L1.l 3	Examples of field note/sketches	L1., Video	from 'Field Notes on Science & Nature' by Michael R. Canfield, artist Jenny Keller
AES.L1.l 4	Examples of field note/sketches	L1., Video	from 'Field Notes on Science & Nature' by Michael R. Canfield, artist Ericke Greene
AES.L1.l 5	Examples of field note/sketches	L1., Video	from 'Field Notes on Science & Nature' by Michael R. Canfield, artist Jonathan Kingdon
AES.L1.l 6	Examples of field note/sketches	L1., Video	from 'Field Notes on Science & Nature' by Michael R. Canfield, artist Jenny Keller
AES.L1.l 7	Cartoon Woman	L1., Video	Fair Use, Pixabay
AES.L1.l 8	Fish	L1., Video	James Crippen [Public domain], via Wikimedia Commons
AES.L4.l 47	Jenny Keller, BASILISK LIZARD. 2010.	L1, Inspiration Image	Copyright by the artist, Jenny Keller
AES.L1.l 9	Ocean	L2, Video	Ocean: Fair Use, Pixabay; Fish see AES.L1.l12
AES.L1.l 10	Ocean/Fish Drawing	L2, Video	Ocean: Fair Use, Pixabay; Fish see AES.L1.l12
AES.L1.l	Scientists/Fish Drawing	L2, Video	Scientists: Fair Use, Pixabay;

11			Flsh see AES.L1.I12
AES.L1.I 12	Fish Drawing Solo	L2, Video	from 'Field Notes on Science & Nature' by Michael R. Canfield, artist Meriwether Lewis
AES.L1.I 13	Icons (series)	L2, Video	From Noun Project, paid member
AES.L1.I 14	Series of Photos vs Icons	L2, Video	Noun Project= Icons (paid member); Photos=Pixabay (fair use)
AES.L1.I 15	Series of plant images in the background	L2, Video	Fair Use, Pixabay
AES.L1.I 16	Series of plant images in the background	L2, Video	Fair Use, Pixabay
AES.L2.I 17	Painting of John Audubon	L2, Video	Audubon by John Syme, 1826, Fair Use
AES.L2.I 18	Map	L2, Video	Fair Use, Wikimedia
AES.L2.I 19	Print: getting off of the boat	L2, Video	A Harper's Weekly cartoon of German emigrants boarding a steamer in Hamburg, Germany, 1874. Fair Use, via Wikipedia
AES.L2.I 20	Print: hospital	L2, Video	Public Domain via Wikimedia
AES.L2.I 21	Print: Countryside	L2, Video	Public Domain via Wikimedia
AES.L2.I 22	Landscape with icons walking	L2, Video	Combined from public domain files found via Pixabay
AES.L2.I 23	Flying birds (video) with silhouette of man	L2, Video	Combined from public domain files found via Pixabay

AES.L2.I 25	Series of Audubon Prints	L2, Video	John Audubon, Public Domain
AES.L2.I 26	Animal Figurines	L2, Video	Promotional Photo from Smilemakers.com, credited on screen
AES.L3.I 27	Series of Audubon Prints	L3, Video	John Audubon, Public Domain
AES.L3.I 28	Rat	L3, Video	Fair Use, Pixabay
AES.L3.I 30	Crying Icon	L3, Video	Fair Use, Pixabay
AES.L3.I 31	Paintbrush	L3, Video	Fair Use, Pixabay
AES.L3.I 32	Collection of Diaramas	L3, Video	By Thomas Quine (Bird showcases) [CC BY-SA 2.0 (https://creativecommons.org/licenses/by-sa/2.0)], via Wikimedia Commons
AES.L3.I 33	Countryside	L3, Video	Fair Use, Pixabay
AES.L3.I 34	Audubon birds	L3, Video	Fair Use, Public Domain (edited so that there is no background in the first image), Artist John Audubon
AES.L3.I 35	wolf against backdrop	L3, Video	Wolf=photo of a toy taken by Doodles Academy' Background Image: Fair Use, Pixabay
AES.L3.I 36	Child reading	L3, Video	Fair Use, Pixabay

AES.L3.I 37	Child reading + wolf	L3, Video	Wikimedia; Marlene Thyssen (cc-by-sa-3.0)
AES.L3.I 38	Child reading + wolves	L3, Video	Wikimedia; Eric Kilby (cc-by-sa 2.0)
AES.L3.I 39	Child reading + single wolf	L3, Video	Fair Use, Pixabay
		L3, Inspiration Image	
AES.L4.I 40	Drawing of John Audubon	L4, Video	
AES.L4.I 41	Series of Audubon Prints + hand painting	L4, Video	Prints of Birds, Artist John Audubon, public domain; Icon: Noun project, paid member
AES.L4.I 42	Series of photos from the same article showing John Audubon's books	L4, Video	pulled from http://www.extravaganzi.com article, credited on screen
AES.L4.I 43	Printmaker	L4, Video	Image of Louisa Rorshach, printmaker. Image courtesy of Robert Blackburn Printmaking Workshop & used with permission.
AES.L4.I 44	Series of Audubon birds, digitally edited to be black and white 'stamp'	L4, Video	Fair Use, Public Domain: Artist John Audubon. 'stamp' images created internally by Doodles Academy.
AES.L4.I 45	Series of photos from the same article showing John Audubon's books	L4, Video	pulled from http://www.extravaganzi.com article, credited on screen
AES.L4.I 46	Printmaking Plates	L4, Video	Photo of printmaking plates