



DELAWAREVIEW 2022 - 2023

AmericaViewSM
Empowering Earth Observation Education
americaview.org

DELAWAREVIEW 2022 - 2023 ACTIVITIES

DelawareView primary focus this year was the insertion of imagery, maps and geospatial activities in the State of Delaware sixth grade geography curriculum. DelawareView Principal Investigator Tracy DeLiberty and two undergraduate University of Delaware students assisted the Delaware Center for Geographic Education (DCGE) Director Mary Schorse and a cohort of six grade geography teachers from across the state in creating 21 model lessons. Each lesson contained as least one interactive map component utilizing ArcGIS Online, Google Earth, or ESRI Story Maps. The curriculum was built around a world regional instructional format of eight world regions studied. The entire 6th grade social studies instruction focused solely on geography. The cohort of educators worked to ensure the lessons aligned with grade level standards and leveraged geospatial technologies as engaging and fun instructional tools. Delaware Department of Education and the Social Studies Coalition of Delaware initiated the request for instructional support to revise this six-grade geography curriculum. Two state level teacher trainings took place through webinars and supplemented through virtual office hours.

6th Grade Geography Model Lesson Overview

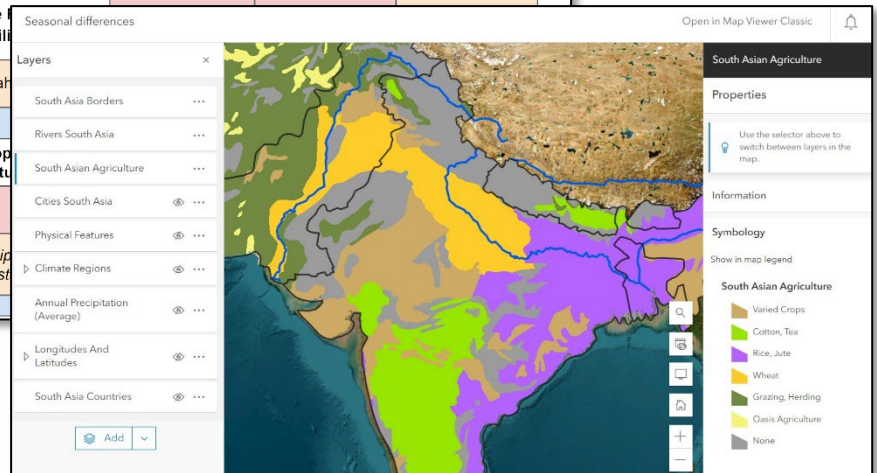
STANDARD	1: Maps	2: HEI	3a: Culture	3b: Face of a Place (Site and Situation)	4a: Regions - Types and Uses	4b: Conflict/ Cooperation
Introduction	<i>In development</i>	<i>In development</i>	<i>In development</i>	<i>In development</i>	<i>In development</i>	<i>In development</i>
North/Central America (Caribbean)	The Geography of North America	The Dwindling Colorado River	Native People of North America	something about St. Louis	Silicon Valley/ Guadalajara	US/ Mexico Border
South America	The Geography of South America	Amazon Rainforest*	Native Peoples of North America	Site and Situation World Cup Cities		Land Use Conflict Amazon*
END ADMINISTRATION 1						
Europe/Russia (Central Asia)	The Geography of Europe/Russia	Chernobyl	Russia and Ukraine		Breadbasket to the world - Ukraine	Conflicted Collaborators
SW Asia/North Africa	Introduction to Southwest Asia/North Africa	Water Scarcity	Nile Civilization	Seasonal differences		
Sub Saharan Africa	Intro Sub-Saharan Africa	Great Rift Valley	Swahili			
END ADMINISTRATION 2						
South Asia	The Geography of South Asia	Climate, Weather and Culture	Peop Culture			
East Asia	Introduction to East Asia	Environment & Daily Life in China				
Southeast Asia (Oceania)	Introduction to SE Asia	Tectonic plates/ the Ring of Fire	Philip Artist			
END ADMINISTRATION 2						

Key for the chart

Completed Model Lesson
Model Lesson in Development
Model Lesson IDEA
TBD

Table cells are color coded to display their completion status.

Table displays the six-grade geography curriculum developed in a world regional (rows) instructional format that are aligned with the standards (columns).



Interactive web map illustrating the seasonal differences associated with

Each lesson includes a standard format with the: a) time required, b) lesson introduction and background information with resources, c) geography standard(s), d) objectives and essential questions, e) key concepts, f) a warm-up, and g) one to several activities that contain an overview and detailed procedures.

DelawareView is a member of the AmericaView Consortium, a nationally coordinated network of academic, agency, non-profit, and industry partners and cooperators that share the vision of promoting and supporting the use of remote sensing data and technology within each state. AmericaView is funded by USGS grant agreement G18AP00077.

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BENEFITS TO DELAWARE

DelawareView continued its efforts to introduce the power of imagery in studying the ever-changing world and to showcase the use of imagery, digital maps and geospatial technologies in K-12 classrooms. Our significant initiatives this year included:

- **Forming a Partnership with Delaware Department of Education** that supported the state level revisions to when social studies standards are taught, along with continued partnership to host the annual Middle and High School Storymap competition.
- **Exciting Students about Geospatial Data and Technologies and careers** by facilitating engaging and fun lessons in K-6 classrooms and a statewide 5th grade field trip, participating in the Youth Environmental Summit (YES!), and inserting a new geospatial track in Green Jobs internship program.
- **Educating Delaware Legislatures** about work of DelawareView and DCGE are involved with at UD's annual Legislature Day.



Describing imagery displayed to YES! students.



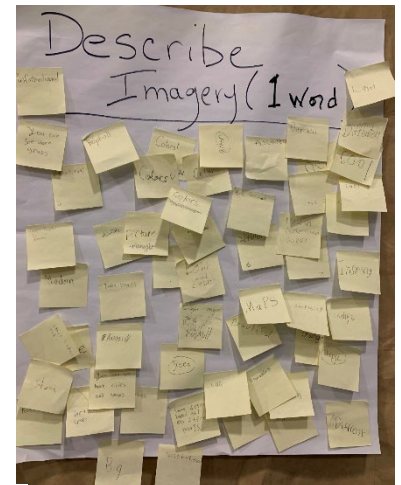
As part of elementary school visit, playing EOD Landsat game.



Green Jobs Intern flying a drone.



Showcasing K-12 outreach activities at Legislature Day



5th grade students wrote 1 word to describe imagery

DELAWAREVIEW CONSORTIUM MEMBERSHIP

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Delaware View PI



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