146 Respondents
- K-2 (Lower Elementary) - 27
- 3rd-5th (Upper Elementary) - 32
- 6th-8th (Jr. High & Middle School) - 39
- 9th-12th (High School) - 43
- Other (pre-school, college, spans, special ed) - 17

Lists sent out through
- Illinois State Museum
- Illinois Department of Natural Resources
- Illinois State Board of Education
- Illinois Science Teacher Association
- Illinois Council for the Social Studies
How would you describe your school district?

Overall:
- Urban: 35.6%
- Suburban: 25.3%
- Rural: 16.4%
- Mixed urban/suburban: 12.3%
- Mixed suburban/rural: 10.3%
Grade Levels Represented

- K-2nd (lower elementary): 28.1%
- 3rd-5th (upper elementary): 24.7%
- 6th-8th (middle and jr. high school): 17.8%
- 9th-12th (high school): 17.8%
- Other: 11.6%
Overall

How did your school deliver lessons in the Spring 2020

- Paper/non-digital packets
- Packets and/or digital
- Digital only
- Teacher recorded lessons
- Live teacher-led lessons
- Individual Student Meetings
- Other
- Google Classroom
Overall

How the spring teacher went

What Worked Best
- Combination
- Paper packets
- Live lessons
- Recorded & live teacher led
- Digital
- One on one meetings
- Online lessons
- Other
- Live teacher support
- Self guided with kits
- Communication with parents

What Didn't Work
- Connection/portals
- Paper packets
- Lack of requirements
- Digital
- Virtual meetings
- No home support/overwhelmed
- Nothing worked
- No engagement
- Getting parents to help
- Trying to have all class present
- Other
- Small group work
K-2 (Lower Elementary)

Grade Level

- 37% Kindergarten
- 33.3% 1st grade
- 29.6% 2nd grade
Which of these focus areas would you like the Museum to provide resources for you?

- Geology/Earth Science/Fossils/Rocks: 13 (48.1%)
- Botany/Plants: 17 (63%)
- Zoology/Animals: 18 (66.7%)
- Natural History/Habitats: 15 (55.6%)
- Native Americans (Indigenous People of …): 8 (29.6%)
- Illinois History/History: 7 (25.9%)
- Art/Fine Arts/Decorative Arts: 5 (18.5%)
- Literacy connections: 20 (74.1%)
- Other: 1 (3.7%)
How likely are you to use each of the following?
K-2 (Lower Elementary)

Open Ended Answers

**Format:**
- Interactive: 5
- Paper/PDF: 9
- Digital/Online: 11
  - (included suggestion of video or short reading with questions)
- Connection to Google: 6
- (Google drive, google slide)
- Videos: 2
- Seesaw: 1

**Topics:**
- Black lives: 1
- Native Americans: 1
- Casimir Pulaski: 1
- Animals (Habitats): 2
- Applicable for Pre-K & K: 1
- STEM: 2

**Resource to create/develop**
- Digital: 16
  - Video: 6
    - (historical sites, plants, animals; stories)
  - Virtual Tour: 4
  - Interactive: 6
    - (games/readers)
  - Google slides: 3
  - Online: 2
    - (Quizzes that are graded automatically)
  - Printable: 3

**Added Comments**
- Digital technology not effective for first grade
- Love using downloaded materials
- Not enough resources for beginning readers
- Connect to IL state standards and Next Generation Science Standards
- Content needs to trigger kids curiosity and exploration
- Love teaching science
- Special needs adjustment? Pre-K material?
3rd-5th (Upper Elementary)

Grade level

- 3rd grade: 15.6%
- 4th grade: 28.1%
- 5th grade: 56.3%
Which of these focus areas would you like the Museum to provide resources for you?

- Geology/Earth Science/Fossils/Rocks: 18 (56.3%)
- Botany/Plants: 12 (37.5%)
- Zoology/Animals: 18 (56.3%)
- Natural History/Habitats: 14 (43.8%)
- Native Americans (Indigenous People of ...): 21 (65.6%)
- Illinois History/History: 23 (71.9%)
- Art/Fine Arts/Decorative Arts: 12 (37.5%)
- Literacy connections: 24 (75%)
- Other: 1 (3.1%)
3rd-5th (Upper Elementary)

How likely are you to use each of the following?
### 3rd-5th (Upper Elementary)

#### Open Ended Answers

<table>
<thead>
<tr>
<th>Topics:</th>
<th></th>
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<tbody>
<tr>
<td>Talks about diversity</td>
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<tr>
<td>African Americans</td>
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<tr>
<td>Native Americans</td>
<td>2</td>
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<tr>
<td>Fossils of Illinois</td>
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<tr>
<td>Illinois History</td>
<td>1</td>
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<tr>
<td>Bloom's Taxonomy, CCSS, NGSS</td>
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#### Format:

<table>
<thead>
<tr>
<th>Format:</th>
<th></th>
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<tbody>
<tr>
<td>Digital</td>
<td>18</td>
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<tr>
<td>(Google Slide, website)</td>
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<tr>
<td>In Person</td>
<td>3</td>
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<tr>
<td>Virtual field trip</td>
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<td>Paper/PDF</td>
<td>6</td>
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<tr>
<td>Video</td>
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<tr>
<td>Interactive</td>
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#### Resource to create and develop:

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<tbody>
<tr>
<td>Google Product</td>
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<tr>
<td>(Google Slide/Doc)</td>
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<tr>
<td>Lesson</td>
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<tr>
<td>Video</td>
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<tr>
<td>Picture/chart explanations</td>
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<tr>
<td>Hands on Activities</td>
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<tr>
<td>Assist in outdoor exploration</td>
<td>1</td>
</tr>
<tr>
<td>Digital</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Additional Comments:

- Digital would help with next school year 2
Grade Level

- 6th grade: 24 (61.5%)
- 7th grade: 30 (76.9%)
- 8th grade: 25 (64.1%)
Which of these focus areas would you like the Museum to provide resources for you?

- Geology/Earth Science/Fossils: 22 (56.4%)
- Rocks: 18 (46.2%)
- Botany/Plants: 18 (46.2%)
- Zoology/Animals: 17 (43.6%)
- Natural History/Habitats: 13 (33.3%)
- Native Americans (Indigenous People of …): 16 (41%)
- Illinois History/History: 8 (20.5%)
- Art/Fine Arts/Decorative Arts: 18 (46.2%)
- Literacy connections: 2 (5.1%)
- Other:
How likely are you to use each of the following?
6th-8th (Jr. High & Middle School)

Open Ended Answers

**Topics**
- Illinois (timeline history, inventions/inventors, accomplishments/impact globally, critical thinking for today, how do students develop answers to problem IL has)
- 1893 World's Fair in Chicago
- Space
- Evolution in IL
- Plant and Animal biodiversity
- Cahokia Mounds

**Format:**
- Download/PDF: 11
- Google Product: 6
- Digital: 21
- Website: 4
- In Person: 2
- Open to anything: 1

**Resources to create/develop**
- Virtual Tours: 5
- Scavenger hunt: 5
- Online resource: 6
  - (Reading level appropriate and ease use for families)
- Love to have primary sources: 3
- Lesson (Projects?): 3
- Interactive: 5
  - Simulation: 3
  - Outdoor: 1
- Video: 1
- Anything: 2
- Not sure: 60
- Regarding math: 1
- Special Ed. (Pre-K level): 1

**Additional Comments**
- Families struggled with online instruction - does not keep their interest/elicit student involvement
- Reliable resource that poor school can afford
- Different reading level material - Lexile levels
9th-12th (High School)

Grade Level

- 9th grade: 32 (74.4%)
- 10th grade: 37 (86%)
- 11th grade: 39 (90.7%)
- 12th grade: 37 (86%)
Which of these focus areas would you like the Museum to provide resources for you?

- Geology/Earth Science/Fossils: 19 (44.2%)
- Rocks: 14 (32.6%)
- Botany/Plants: 14 (32.6%)
- Zoology/Animals: 16 (37.2%)
- Natural History/Habitats: 16 (37.2%)
- Native Americans (Indigenous): 14 (32.6%)
- People of …: 14 (32.6%)
- Illinois History/History: 25 (58.1%)
- Art/Fine Arts/Decorative Arts: 11 (25.6%)
- Literacy connections: 18 (41.9%)
- Other: 4 (9.3%)
How likely are you to use each of the following?
Open Ended Answers

**Topics**
Great Depression
Racism
Civil Rights Movement
Eutrophication in Illinois
History of slavery and underground railroad
Something tied to mathematics
Agriculture history
something tied to Korean war
connect history to economy/plants and
botany to food for Consumer Ed class
Historic writing and IL authors
background/materials
Art tours of different artist and IL artist
Environmental - local and globally

**Format:**
- Digital: 21
- Print Off Capabilities: 9
- Video: 9
- Emailed: 2
- Interactive (game): 3
- Website: 1
- Virtual Tour: 1
- Lesson Plan: 1
- Compatible with Schoology LMS: 1
- Hands on: 2
- Powerpoint: 1

**Resources to create/develop**
- Primary Source: 7
- Virtual Tour: 5
- Videos: 4
- Lesson Plan: 6
- Print off: 2
- Webinar: 2
- Interactive: 1
- Poster: 1
- Powerpoint with notes: 1
- Facetime with a Docent: 1
- Experience for high school aged students: 1
- Multimedia learning module: 1
- Interactive exhibits: 1
- Rock Kits: 1

**Additional Comments**
- Nice to have things for the visually impaired
- Resource that be used either in the class or at home
- Most teachers would prefer premade lessons
- Agricultural topics would work best for my class
- Provide practical career info about jobs for people wanting to create displays & curate for museums
- Provide resources in languages other than English