The Importance of Hyper Local Phenomena for Your Classroom

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Iowa PBS

Tiffany Morgan
Iowa PBS

See next page for additional authors

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Recommended Citation
Smith, Cody; Morgan, Tiffany; Sexton, Arielle; and Wiltgen, Lexi, "The Importance of Hyper Local Phenomena for Your Classroom" (2023). Science Education Update Conference Documents. 47. https://scholarworks.uni.edu/sciedconf_documents/47

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Authors
Cody Smith, Tiffany Morgan, Arielle Sexton, and Lexi Wiltgen

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The Importance of Local Phenomena for Your Classroom

Cody Smith | Iowa PBS
Tiffany Morgan | Iowa PBS
Arielle Sexton | Bondurant-Farrar Schools
Lexi Wiltgen | Bondurant-Farrar Schools
Participants will...

- understand the importance of local phenomena.
- develop eyes to find local phenomena in their own community.
- be empowered to submit a phenomena to be published to the Iowa Science Phenomena website.

iowaphenomena.org or on Twitter @iowaphenomena
You just had to be there.
Iowa phenomena = local phenomena

Why might local phenomena be important to use?
Finding Phenomena

What do I do if there are not many phenomena near where I live?

Notice and wonder
What do I notice or wonder about the world around me?
An Example
Local Phenomena Provide Equity

All kids experience the same phenomena.

Compared to using an example that wasn't experienced together.

Minimizes barriers to learning from students' backgrounds.

But it enhances unique viewpoints of students from different backgrounds.

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Another example:

Science Experiments with Kevin Delaney

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Local Phenomena Provide Context

Phenomena connect science concepts or engineering and conservation problems to reality.

Phenomena allow for 3D teaching and learning.

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Counting the Cost
Phenomena Workshop

- **Option 1** - Submit a phenomena to be published related to a phenomena in the community in which you teach.
- **Option 2** - Take 5-10 minutes to find a phenomena RIGHT NOW to work on submitting.

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Logistics for Submitting

- Capture good media → Landscape > Portrait
- Video? Upload to YouTube
- Images? Insert into Google Slides and share that
- Google Doc > PDF/Word Doc

iowaphenomena.org or on Twitter @iowaphenomena
Iowa Science Phenomena
Happy Hour

Want to connect?
Cody Smith | cody.smith@iowapbs.org
Identifying Phenomena

- How to find phenomena
- How to capture phenomena

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Sharing Phenomena

- User generated means YOU
- Instructions for contributing your phenomena

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How can Notice and Wonder become Habit?

iowaphenomena.org or on Twitter @iowaphenomena
Hello!

I am Cody Smith

This is my super cool presentation.
You can find me at @username

iowaphenomena.org or on Twitter @iowaphenomena
Quotations are commonly printed as a means of inspiration and to invoke philosophical thoughts from the reader.
Two columns of copy

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You have to be signed in to your Google account.

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Remember to download and install the fonts used in this presentation (you'll find the links to the font files needed in the Presentation design slide).

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White
Is the color of milk and fresh snow, the color produced by the combination of all the colors of the visible spectrum.

Black
Is the color of ebony and of outer space. It has been the symbolic color of elegance, solemnity and authority.
Let’s start with a big idea!

We'll bring the attention of our audience over a key concept using icons and great colors!
A picture is worth a thousand words

A complex idea can be conveyed with just a single still image, namely making it possible to absorb large amounts of data quickly.

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Use **diagrams** to explain those ideas!

[Diagram with circles containing text: Lorem ipsum tempus, Lorem ipsum congue tempus, Lorem ipsum tempus, Lorem ipsum tempus]
Maps perhaps?

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And tables to compare data

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<th>A</th>
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<td>20</td>
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<td>Blue</td>
<td>30</td>
<td>15</td>
<td>10</td>
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<tr>
<td>Orange</td>
<td>5</td>
<td>24</td>
<td>16</td>
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</table>
89,526,124

Whoa! That’s a big number, aren’t you proud?

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How about **three columns**?

<table>
<thead>
<tr>
<th>Yellow</th>
<th>Blue</th>
<th>Red</th>
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</thead>
<tbody>
<tr>
<td>Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.</td>
<td>Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.</td>
<td>Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.</td>
</tr>
</tbody>
</table>

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You can insert graphs from Excel or Google Sheets
Mobile project

Show and explain your web, app or software projects using these gadget templates.

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Tablet project

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Desktop project

Show and explain your web, app or software projects using these gadget templates.
Break Time!

Any questions?

Let's take a minute and review what we've seen so far.
SWOT Analysis

**STRENGTHS**
Blue is the colour of the clear sky and the deep sea

**WEAKNESSES**
Yellow is the color of gold, butter and ripe lemons

**OPPORTUNITIES**
Black is the color of ebony and of outer space

**THREATS**
White is the color of milk and fresh snow
Funnel fun!

- Awareness
- Discovery
- Evaluation
- Intent
- Purchase
- Loyalty

Insert your content
Work your Planner

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- **Titles:** Raleway ExtraBold
- **Body copy:** Raleway Medium

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Icons!

These icons are editable shapes.

This means that you can:
- Resize them without losing quality.
- Change fill color and opacity.
- Change line color, width and style.
Diagrams and infographics!
The End

You can find out more!

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