Creative Strategy:

Provocation and the use of “PO” or Provocation Operation. This strategy encourages students to develop divergent thinking through collaboration. PO uses statements to provoke new patterns of thought through reversal, distortion, exaggeration. We will be using Google Documents to enhance the collaboration/communication feature.

Context:

Middle / High School: All contents

Activity:

• Have technology available for participant use.
• While the participants take the Google Forms pretest to warm up and assess their thinking on the topic, (https://docs.google.com/forms/d/1LEjkuDXO6UIkikh62s52hArbRzcRfYq3QIlIn7WZKvY/viewform?edit_requested=true) pass out the provocation cards and articles for partners (or have them in the seats).
• Participants read the assigned article independently.
• Now, with a partner discuss and annotate (write on text in an interactive, thoughtful way) according to the viewpoint assigned by your provocation card.
• Note: for this exercise, we are using reversal.
• Remember that your annotations must reflect your designated point of view—not necessarily your personal perspective.
• Log in to our Google Docs using http://tinyurl.com/HSP02015
• Using the comments feature, make your comments and annotations reflecting your designated point of view. (Explain how teachers use this forum for peer editing.)
• When finished commenting, respond to at least two other people with alternate points of view, still maintaining your designated point of view - in a respectful and thoughtful manner.
• Wrap Up (note to participants - could use Todaysmeet.com https://todaysmeet.com/MMGAGC2015 for this component if time): Class discussion. Did your viewpoint change after the discussion? Were there significant points you had not considered? What other ways can you see Google Forms, Google Docs and PO used to spark creativity, critical thinking and collaboration?

Adaptations:

PO: Uses statements to provoke new patterns of thought through reversal, distortion, exaggeration. Teachers may add multiple POs within a task to

Materials:

Google Docs - “Five Babies at Suburban Chicago Daycare Center Have Measles” article, http://tinyurl.com/HSP02015;

Website:


Google Apps for Education Handout;

Provocation Cards;

Pre-test:

https://docs.google.com/forms/d/1LEjkuDXO6UIkikh62s52hArbRzcRfYq3QIlIn7WZKvY/viewform?edit_requested=true

Todays Meet:

https://todaysmeet.com/MMGAGC2015

Resources for more information on PO and Creativity:


Debonogroup.

http://www.debonogroup.com/

Provocations in Action

provoke thought and complexity.

Science / Math / Social Studies / ELA – looking at debatable topics, argumentative essays, adapting old research with new thought based on current ideas, looking at various ways to solve applications, defending problem solving techniques, current events, cultures and peer review.

Technology:

- May use laminated hard copies with markers to show different perspectives in low tech situations.
- May use www.Todaysmeet.com for discussions.
- May take post-test to determine movement in thinking.

Evaluation:

Five babies at suburban Chicago daycare center have measles
Thu, Feb 5 2015

By Mary Wisniewski

CHICAGO (Reuters) - Five babies at a suburban Chicago daycare center have been diagnosed with measles, adding to a growing outbreak of the disease across the United States, Illinois health officials said on Thursday.

Officials are investigating the cluster of measles cases at KinderCare Learning Center in Palatine, said a statement from the Illinois and Cook County health departments. All the children are under 1 year old and would not have been subject to routine measles vaccination, which begins at 12 months.

The source of the infection was not immediately known.

Public health officials have reported that more than 100 people across the United States have been infected with measles, many of them traced to an outbreak that began at the Disneyland theme park in Anaheim, California, in December.

“These cases underscore the need for everyone who is eligible for the vaccine to ensure that they have been vaccinated,” Dr. Nirav Shah, director of the Illinois Department of Public Health, said in a statement. “There are certain individuals who, because of their age or clinical condition, cannot be vaccinated.”

One adult in Illinois was recently diagnosed with measles. The diagnoses for the adult and two of the babies have been confirmed through laboratory testing, health officials said.

Test results for the other three cases are still pending, but they have been diagnosed based on clinical and epidemiological criteria, officials said.

On the advice of health officials, the KinderCare center is excluding until Feb. 24 unvaccinated children and staff who may have been exposed to the virus, according to a statement from Knowledge Universe, KinderCare's parent company. The center was given a "deep clean" on Wednesday night, the statement said.

Measles is a highly contagious respiratory disease that causes fever, red and sore eyes, runny nose, cough and a rash. It can be fatal in some cases.

Measles was declared eliminated in the United States in 2000 after decades of intensive childhood vaccine efforts.
The measles outbreak has renewed a debate over the so-called anti-vaccination movement in which fears about potential side effects of vaccines, fueled by now-debunked research suggesting a link to autism, have led a minority of parents to not have their children inoculated. Last year, the United States had 644 cases from 27 states, the most since 2000, according to the U.S. Centers for Disease Control and Prevention.

Provocation Cards

<table>
<thead>
<tr>
<th>REVERSAL</th>
<th>REVERSAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>reverse the situation</td>
<td>reverse the point of view</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REVERSAL</th>
<th>REVERSAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>reverse the situation</td>
<td>reverse the situation</td>
</tr>
<tr>
<td>Be the “PRO” point of view</td>
<td>Be the “CON” point of view</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXAGGERATION</th>
<th>EXAGGERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>expand one variable to change the focus</td>
<td>diminish one variable to change the focus</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DISTORTION</th>
<th>DISTORTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>change the relationships between elements</td>
<td>change the time sequence</td>
</tr>
</tbody>
</table>