MAKE AND TAKE TACTiVitiEs

David Lawton and Holly Ashton

Pikes Peak Community College
OUR GOALS FOR THIS SESSION:

1. To define TACTiViTiEs
2. To sample a few TACTiViTiEs
3. To describe best practices in design and implementation of TACTiViTiEs
4. To begin to create your own TCTiViTY
The definition of a TACTiViTy
INSTRUCTIONS

Match the equation strips with the given graphs.
C  17.  \( y = 2 - x^2 \)

F  18.  \( y = 3 \)

G  19.  \( y = 3^x \)

O  20.  \( y = \frac{1}{x - 2} \)
HERE IS... WHO HAS...
WHAT DO YOU THINK? WHY?
The Benefits of a TACTiViTy
ACTIVITY 13: Set Theory and Candy Wrappers

Student Instructions: Sort all items onto the placemat provided.

Let $U$ be the universal set of all candy, $C$ be the name of the set of all chocolate candy, and $R$ be the set name for the set of all round candy.

A. Locate the region number for each of the following, and then determine the name of that region by matching the orange cards provided.

<table>
<thead>
<tr>
<th>Candy Name</th>
<th>M and M's</th>
<th>Snickers Bar</th>
<th>Skittles</th>
<th>Laffy Taffy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region Number</td>
<td>$C \cap R$</td>
<td>$C \cap R'$</td>
<td>$(C \cup R)'$</td>
<td>\emptyset</td>
</tr>
</tbody>
</table>

B. Study and list the region(s) corresponding to the following sets.

<table>
<thead>
<tr>
<th>Set Name</th>
<th>$(C \cup R)'$</th>
<th>$(C \cup R)$</th>
<th>$C \cup R'$</th>
</tr>
</thead>
</table>
Find the yellow instruction sheet in your folder.
- Select a concept
- Keep it simple – but rich
- Design with a team
Our team
NOW YOU TRY!

Select a concept and CREATE
THANK YOU!

Check out our Candy Wrappers TACTIVITY in the back of room!