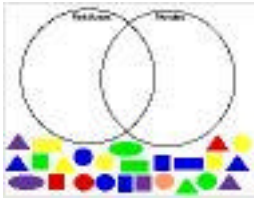
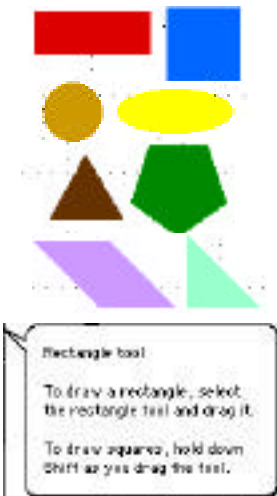


Venn Diagram Lesson

Venn diagrams can be used for simple to complex comparisons. Simple comparisons are hero/villain, vertebrate/invertebrate, democracy/dictatorship, etc. The more sophisticated and complex subject matter might compare the subtle similarities between life cycles, literary style, subcultures, etc. The “drag and drop” approach to unique attributes assist students in visually forming mental structures (see the revised lesson plans as ideas starters).



This activity will help you create a simple Venn diagram using the attributes of color and shape. In designing the lesson, you will also learn the aspects and attributes of using objects and images.



1. Open the template, **BASICDL.CWK**.
2. Create 5 different geometric shapes using the draw tools:
Rectangle - Rectangle or Square,
Oval - Oval or Circle,
Regular Polygon - Isosceles Triangle and Pentagon,
Polygon - Right Triangle.
3. To assist you in drawing the required figures, use balloon **HELP**. Hold the cursor over the geometric shape until balloon **HELP** appears. This will instruct you how to create each shape.
4. Choose fill and a color from the Accent palette or Tool Bar.
5. For four of the shapes, choose the line tool from the Accent palette or Tool Bar and an identical line color from the palette. Then increase the line size at least two points. For the other shape, reduce the line to “None”
6. Repeat this process until all 5 shapes have been created.
7. Use Edit-Duplicate to create multiple copies of the geometric shapes (approximately 4 each). Change the fill color for all shapes and the line color for the first four shapes.
8. Use Option-Turn Autogrid Off to eliminate the snap to grid default setting. Also, use Option-Hide Graphics Grid to make the page professional. Arrange the shapes in a random pattern at the right side of the page by dragging the shapes with the mouse or “fine tuning” with the arrow keys.



Venn Diagram Lesson



Horizontal

Creating the Venn Diagram

1. Choose Options-Object size. Use the horizontal measurement to determine the diameter of a circle.
2. Holding the shift key down, create a circle with a diameter of approximately 3 1/2 inches.
3. Use Edit-Duplicate to create an identical circle. With the second circle selected, make it transparent by selecting the first square in the fill pattern palette.
4. Select the text tool and label the circles "Red" and "Triangle" respectively
5. The completed diagram should resemble the figure on the left. Drag one of the shapes to the proper circle. Since objects are layered, it will fall behind the circle in the diagram.
6. Select all the geometric shapes either by holding down the Shift key and selecting each one or by drawing an imaginary rectangle around all the shapes. Use Arrange-Move to Front so that each geometric shape will show when dragged to the proper location.
7. Give the completed diagram a title by using "Paint Pick Up".
8. Choose the Text tools and add directions for the diagram.

