



ART TO THE CORE!



Bringing Drawing And Painting Into The Core Curriculum
with Janet Rayner

Use of Senses

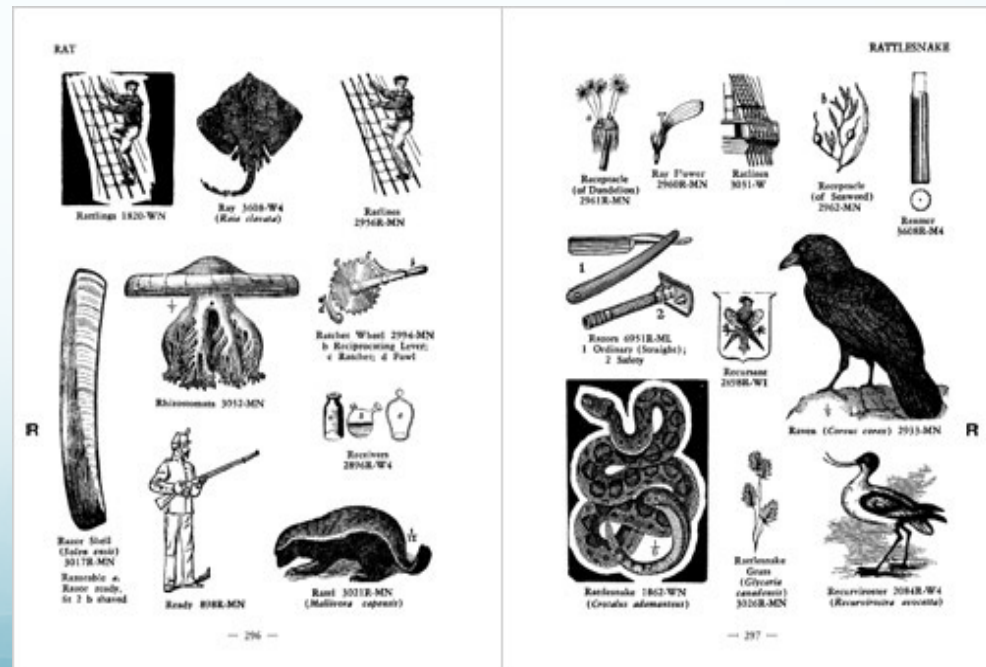
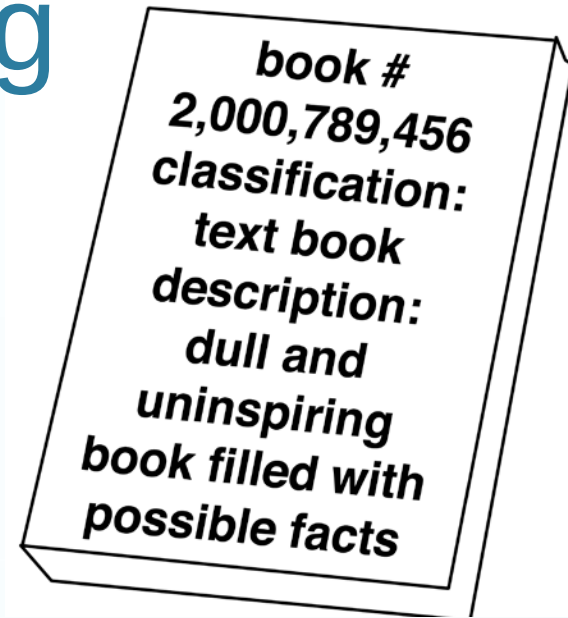
- Learning occurs more rapidly when participants are actively engaged in the learning process through the use of as many senses as possible.
- People learn through exploration, collaboration and participation.



Graphics and Learning

Art permeates the tools of our curriculum—without art books would be generic black and white with Helvetica writing.

- Most humans need art to learn more effectively.
- The mind is stimulated by graphics in ways that words or numbers alone cannot accomplish.



Students Use Artist Quality Materials

- Using quality materials increases the students chances of feeling successful.
- Students gain lasting tool use skills and see how graphics enhance their understanding of core subjects.



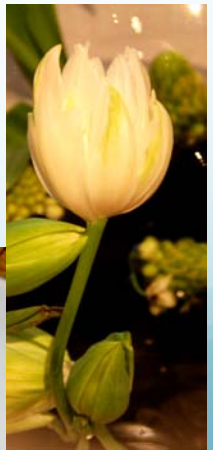
Tools for Teachers

- Teachers use templates, tools and techniques to guide students in producing core curriculum related artwork.
- Written instructions make templates and tools easy to use.

Step 1: Selecting Your Subject Model

Chose subject model based on core curriculum topic:

- Rock samples for a class studying minerals
- An Indian elephant for a class studying India
- Gold panning for California History
- Plant samples for Biology



Steps 2 -3: Tools of the Trade

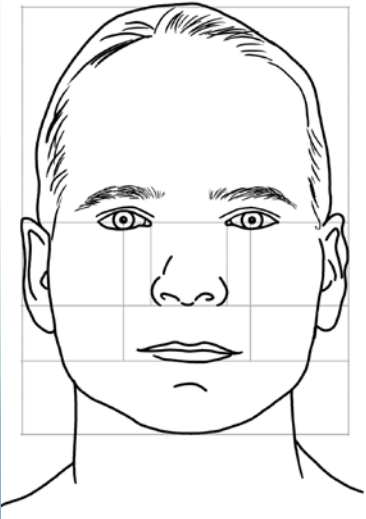
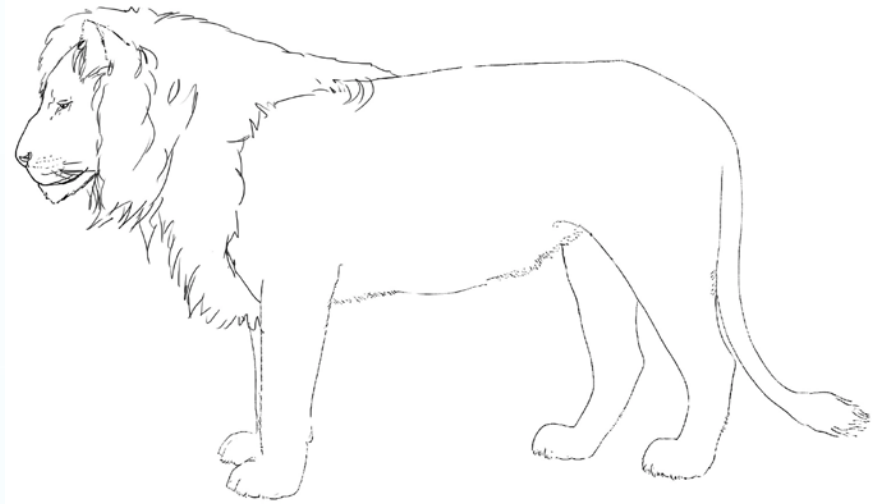
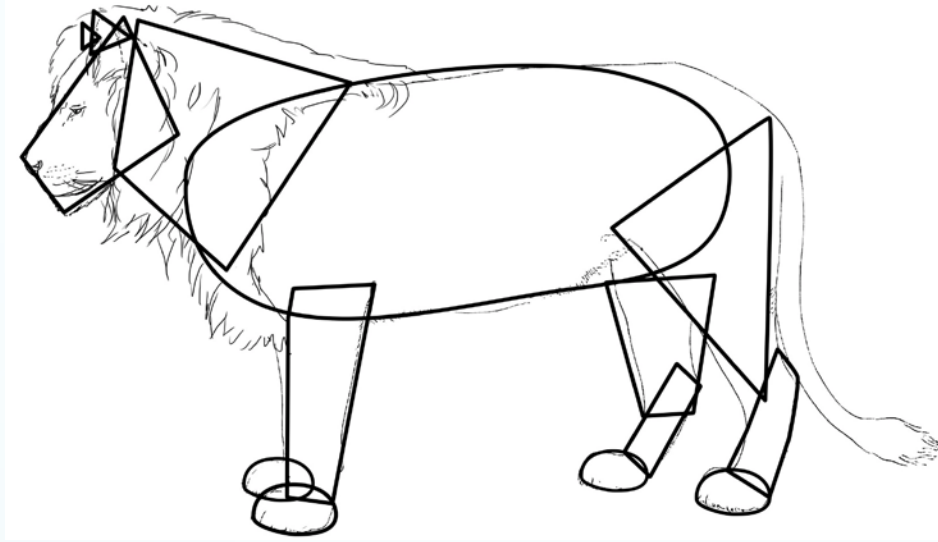
- Start Simple with graphite pencil, erasers and card stock.
- Learn how to use light pencil pressure to make under-drawings.
- Depending on the age of the students, rulers, calipers, blenders or grey scale value finders may be used.
- Use improvised tools: a straight edge to draw lines or use circular objects like coins, plastic caps or stencils to draw circles.



Working with Templates



Templates



Templates are used when object models are not available.

For Younger Students

- Younger students use a pre-printed partial template.
- This template of an elephant was used successfully in a kindergarten class.

Step 4: Shapes and Forms

- Break down the subject model into familiar shapes and forms.
- Ask your students: “Does it look more like a square or circle? Does it resemble any letter, number? Is it completely irregular? ”
- Such questions encourage students to observe more closely.

Steps 5-6:

Erasing and Adding Detail

- Erase the guide shapes from the under-drawings, leaving only the outlines that actually look like the subject.
- Lightly draw in details within the outline
- Continue to help students identify familiar shapes in the subject such as “the ear looks like half of a heart shape”



Step 7: Looking Closely and Refining the Drawing

- With outline and details all lightly drawn in:
 - Students erase any parts that don't look like what they see.
 - Then students draw darker more distinct lines to define their drawing, varying the width and thickness of the line.

Reflection and Refinement

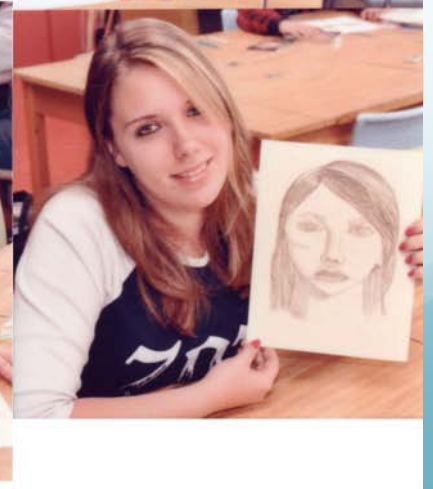
- Students complete core curriculum work that relates to their artwork. They might label their illustration or add text or a story.

This student took her drawing and made a papier-mâché model for a classroom project

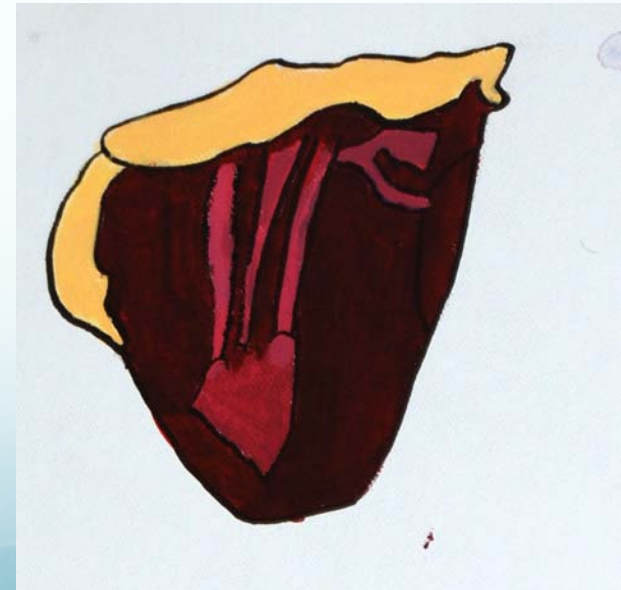
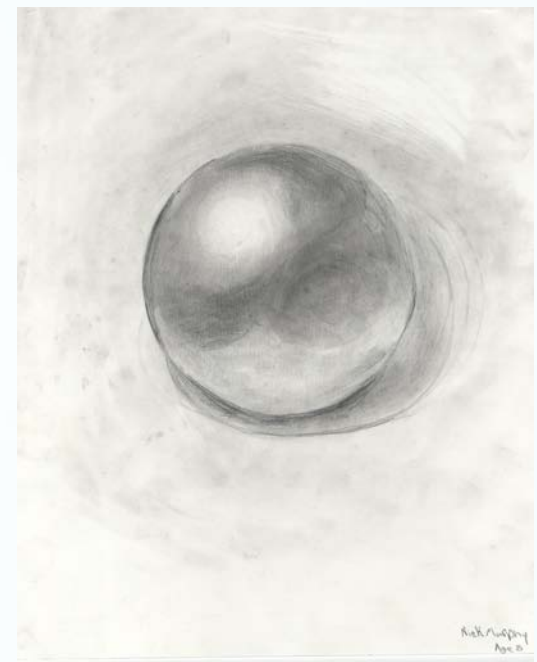


Students at Work!

- Students take their confidence and newfound skills and use them in core curriculum projects . . .

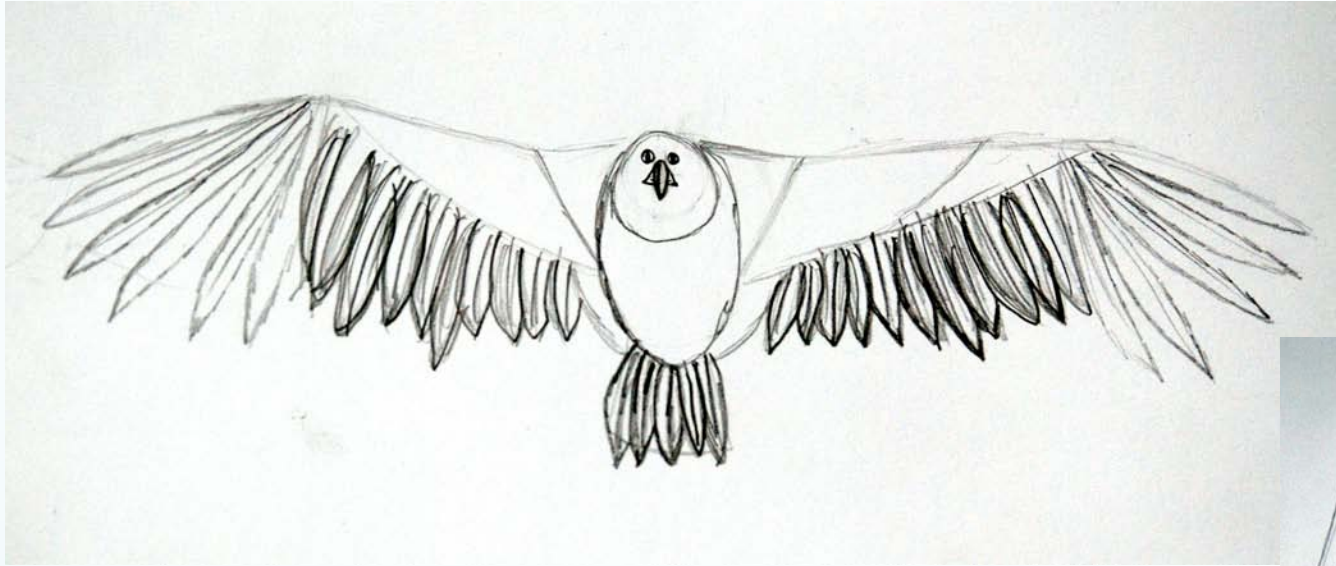


All Ages, All Levels



Be Creative!

- TAILOR LESSONS TO FIT THE CURRICULUM



5th Grade US History, American Bald Eagle

- OR PICK A SUBJECT THAT CAN BE USED ACROSS THE CURRICULUM



3rd Grade Faces

Junior High Botanical Drawing from Live Models



High School Biology

Working from Cow Heart Model



4th Grade Gold Rush, CA History

Working from Photo Model



Visual Art Standards Met – While Working on Curriculum Tie-ins!

- Creating artwork based on actual objects and scenes
- Working with line, color, shape/form
- Using shading and form to create the illusion of dimension
- Use of accurate proportions

Skills That Can Be Used for Many Applications

- Illustration of writings in English
- Scientific illustration
- Geographical or geological drawing
- Illustrations of cultures and peoples for Social Studies



Engage ***YOUR*** Students in the Learning Process Through Art

