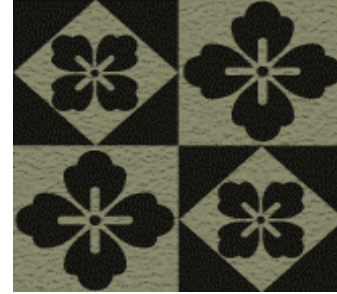# Nine-Patch Quilt

Grade : 4
An integrated lesson plan
covering 4-5 sessions of
approximately 45 minutes
each.
Judy Geisinger

Lesson-Planning Approach

Some learners perceive their "world" as a whole, where all things are interconnected and dependent upon each other. These "integrated" students face major challenges in coping with our dominant educational, social, and economic systems, which tend to present information in a linear fashion without the necessity of integration into meaningful context. Integrated students are at-risk of failing as they attempt to grasp information in ways that do not match their experience. Among large populations of at-risk students are many from Native American and similar cultures who do not regard their world as a sum of parts but as a blend of all that they experience.

This lesson plan does include some traditional, linear approaches to delivering information (checklists, rules, analysis, problem solving and organization). In addition to the traditional, linear delivery of information, this lesson plan also includes some of the following strategies, designed to appeal to at-risk students as they learn academic/life skills:

- ❖ Integration of technology
- ❖ Story telling/anecdotal information
- ❖ Non-competitive group and team work
- ❖ Performance-based assessment and rubrics
- ❖ Visual presentations and practice through technology and other means

Lesson Overview

This lesson is designed to provide the students with a culminating activity to parallel with their Literature Unit, Little House on the Prairie. The students will be introduced to various types of quilts, focusing on the Nine-Patch Quilt. The class will research through technology, and a visit to a Quilt Shop, to learn the importance of the quilt during the pioneer days. As a final project, the students will construct their own Nine-Patch Quilt using a downloaded template from a specific site. Blocks can be displayed together on a bulletin board as your class's own none-patch quilt.

Lesson Objectives

Lesson Project: Nine-Patch Quilt

Project Objectives: When students complete this project, they will be able to…

- Link on to a specific site to use as a resource to find facts on quilts.

- Search the web for other links to quilts.

- Locate and record facts about quilts.

- Design and print a nine-patch quilt on a provided template.

- Produce a class quilt with each of their Nine-Patch Squares.

- Explain what they did, to reinforce the process skills.

Integration of Other Functional/Academic Skills: (Critical thinking is required throughout the lesson.) Students will be able to…

- Reading – Summarize an article, finding four facts from the resource.
- Art – Design a pattern to use on their Nine-Patch Quilt.
- Social Studies – Understand and apply the history of quilts in general.
- Technology – Click onto a website to locate information for further reference.

State/National Standards (Complete as Appropriate)

Colorado State Standards
- Language Arts Standard 1   Students will read and understand a variety of materials.
- Language Arts Standard 4 – Students apply thinking skills to their reading, writing, speaking, listening, and viewing.
- Language Arts Standard 5   Students read to locate, select, and make use of relevant information from a variety of media, reference, and technological sources.
- Language Arts Standard 6 – Students read ad recognize literature as a record of human experiences.
- Social Studies Standard 2   Students know how to use the processes and resources of historical inquiry.
- Art Standard 2   Students know and apply elements of art, principles of design, and sensory and expressive features of visual arts.

- <u>Geography Standard 6</u> – Students apply knowledge of people, places, and environments to understand the past and present and to plan for the future.
- <u>Technology Standard 2</u> Students will use appropriate technology to accomplish personal production and to develop lifelong learning shills.
- <u>Technology Standard 5</u> Students will use technology to advance and enrich learning.

Websites

Required: http://hoover.nara.gov/kids/liw_kids/activities_9patchquilt.html

Support: Microsoft Word/Word Art

Pre-requisites

- Third grade & up.
- Have read, *Little House on the Prairie*.
- Have been exposed to Word Art from their Computer Class.

Required Materials

- Colored Pencils or markers.

Handouts

- Handouts for each lesson.

Required Equipment/Technology

- Computer Lab
- Access to the Internet
- Acrobat Reader
- Microsoft Word Document

Note: Students do not learn from what <u>you</u> do but from what you have <u>them</u> do.

Preparation

Activity	Time Estimate	Instructor Notes
Provide Handout I to the students for them to record their facts about the nine-patch quilt.	10 minutes	Handout will be a nine-patch quilt. (Blank)
Explain to the students how they will be working with a partner for this activity.		

Presentation

Activity	Time Estimate	Instructor Notes
Model to the students the steps to link onto various websites about quilts. (Handout)	20 minutes	Provide the students with the required link for the activity, and show them how to search the web for other resources.
Have the students take turns with teacher guidance, searching the web.	20 minutes	

Practice and Performance
(Students help you perform the project steps. You help them perform proje3ct steps. They perform steps with little or no instructor help.)

Activity	Time Estimate	Instructor Notes
Students will link onto http://hoover.nara.gov/kids/liw_kids/activities_9patchquilt.html	30- 45 minutes	Observe and assist students as needed.
and search sites about quilts to locate and record their information.		Evaluate with rubric.

THE LESSON II Nine-Patch Quilt

Note: Students do not learn from what <u>you</u> do but from what you have <u>them</u> do.

Preparation

Activity	Time Estimate	Instructor Notes
Today the students will design their own nine-patch quilt using the provided template.	20-30 minutes	At the computer lab, have the template downloaded for the students.

I

Presentation

Activity	Time Estimate	Instructor Notes
Demonstrate to the students how to use Word Art to design their templates. Handout	20 minutes	The students will only be able to apply the outline of their designs. They will use colored pencils to color their nine-patch quilts.
Have the students play around with Word Art to try various techniques.	20 minutes	Each square may be a new pattern.

Practice and Performance

(Students help you perform the project steps. You help them perform proje3ct steps. They perform steps with little or no instructor help.)

Activity	Time Estimate	Instructor Notes
Now the students will start to design their own nine-patch quilts. Students will be working in Micro-soft Word for this activity.	30-40 minutes	Observe and assist the students as needed.
After the students have completed their quilts, have them print their products. They can continue to finish their quilts, by coloring them in.	30-40 minutes	Evaluate students with a rubric.

Searching the Internet

Step-by-Step Instructions:

- Begin at your desktop.
- Click onto the Internet Explorer Icon.
- At the top of your monitor, you will see an address bar.
- Type in www.google.com
- At this site, we will search for sites on quilts.
- In the address bar type in www.quilts.com
- Press enter, and let your search begin.
- You and your partner can click onto any of the sites to find facts about quilts.
- If the site isn't what you are looking for, click onto the Back Arrow in your tool bar.
- Click onto a new site, and begin your search again.
- Don't forget to record your facts on your Nine-Patch Quilt paper.

Put a fact about quilts in each block.

Design a Nine-Patch Quilt

Step-by-Step Instructions:

- Click onto one of the boxes.
- Click onto Auto Shapes (Toolbar)
- Look at the display of shapes arrows, stars, etc…
- Choose one of the designs, and then click in the box of the template.
- Your design should have appeared.
- You can adjust the size on your shape with the outside boxes around the shape.
- Continue to add shapes to the other boxes.
- You can have more than one shape in a box.
- Continue until all your boxes are filled.
- When you have completed, have your teacher check your work.
- Print

Lesson Assessment Strategy (Formative – As the lesson progresses)

Preparation, Presentation and Overall Implementation (Instructor)

- Am I addressing the instructions on each activity to meet the needs of the students?
- Am I allowing enough time for each lesson?
- Was I knowledgeable with lesson to make everything clear to the students?

Performance and Practice (Student)

- Did the lesson provide high enough interest for the students?
- Were the students feeling overwhelmed?
- Do the students have a better understanding of the importance of quilts?

Technology

- Were the students comfortable with the technology used in this lesson? What is the "Real World" connection from this lesson?

Activity Checklist

Lesson I Nine-Patch Quilt

Provide the students with Lesson I Handout…Searching the Internet.	
Students will be working with a partner.	
Students will search the internet for sites to locate information on nine-patch quilts.	
Provide students with Nine-Patch Quilt Handout to record their facts.	

Lesson II Nine-Patch Quilt

Students will use a Word Document to create their own quilts. A template will be provided.	
Students will create their quilts using Word Art in their template.	
Students will print their projects.	
Students will color their final projects.	
Teacher will evaluate with a rubric.	

Technology Checklist

- Check that all computers are downloaded with quilt template for Lesson I.
- Check that the Internet is up and running for Lesson I.

Name: _____   Date: _____

Project Title:
_____   Teacher(s): <u>Mrs. Geisinger</u>

Nine-Patch Quilt

Process	Below Avg.	Satisfactory	Excellent
1. Has clear vision of final product	1, 2, 3	4, 5, 6	7, 8, 9
2. Properly organized to complete project	1, 2, 3	4, 5, 6	7, 8, 9
3. Managed time wisely	1, 2, 3	4, 5, 6	7, 8, 9
4. Acquired needed knowledge base	1, 2, 3	4, 5, 6	7, 8, 9
5. Communicated efforts with teacher	1, 2, 3	4, 5, 6	7, 8, 9
Product (Project)	**Below Avg.**	**Satisfactory**	**Excellent**
1. Format	1, 2, 3	4, 5, 6	7, 8, 9
2. Mechanics of speaking/writing	1, 2, 3	4, 5, 6	7, 8, 9
3. Organization and structure	1, 2, 3	4, 5, 6	7, 8, 9
4. Creativity	1, 2, 3	4, 5, 6	7, 8, 9
5. Demonstrates knowledge	1, 2, 3	4, 5, 6	7, 8, 9, 10
6. Other:	1, 2, 3	4, 5, 6	7, 8, 9

Total Score:_____

The following references were used to develop this curriculum:

References for Lesson

- Colorado Department of Education. (1995). <u>Colorado Model Content Standards for Language Arts.</u> Denver, CO.
- Colorado Department of Education. (1995). <u>Colorado Model Contents Standards for Social Studies.</u> Denver, CO.
- Colorado Department of Education. (1995). <u>Colorado Model Content Standards for Art.</u> (1995). Denver, CO.
- Colorado Department of Education. (1995). <u>Colorado Model Content Standards for Technology.</u> Denver, CO.
- Microsoft Word 2000 (Microsoft Office 2000) (Computer Software). Redmond, WA: Microsoft Corporation.

Bibliography/Internet Resources

- Http://www.hoover.nara.gov/kids/liw_kids/activities_9patchquilt.html

- Colorado Department of Education. (1995). <u>Colorado Model Content Standards for Language Arts.</u> Denver, CO.
- Colorado Department of Education. (1995). <u>Colorado Model Contents Standards for Social Studies.</u> Denver, CO.

- Colorado Department of Education. (1995). <u>Colorado Model Content Standards for Art.</u> (1995). Denver, CO.
- Colorado Department of Education. (1995<u>). Colorado Model Content Standards for Technology.</u> Denver, CO.
- Microsoft Word 2000 (Microsoft Office 2000) (Computer Software). Redmond, WA: Microsoft Corporation.