

View online and share feedback at MRUniversity.com/MRU-Supply-Demand-Cross-Stitch-Lecture. Your suggestions will help us improve this resource for economics teachers everywhere. Additional resources available at MRUniversity.com/teacher-resources. Email questions or comments to support@mruniversity.com.



DIY ECONOMICS! SUPPLY YOUR DEMAND FOR CROSS STITCH Lecture Plan

Table of Contents

1. LECTURE OBJECTIVES
2. MATERIALS
3. ASSIGNMENT
4. VARIATIONS

1. LECTURE OBJECTIVES

1. Students will master graphing an economics model and identifying core elements of a graph, such as x- and y-axis, supply and demand curves, equilibrium price and quantity, etc.
2. Students will demonstrate mastery of design elements such as color, font choice, and contrast by cross stitching an economics graph.

2. MATERIALS

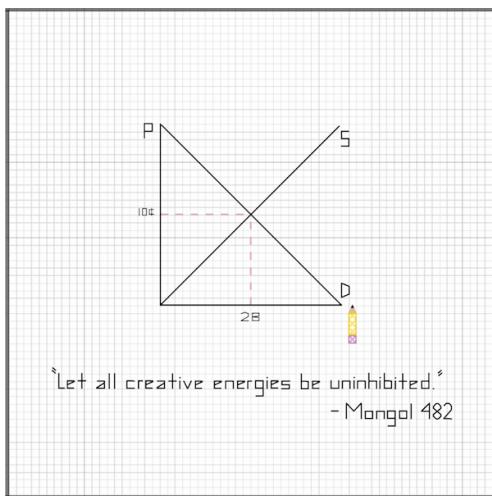
- Graph paper, cross-stitch cloth, needle, embroidery floss, cross-stitch hoop (optional)

3. ECONOMICS ASSIGNMENT

After introducing the concept of supply and demand, students will select a good or service they are interested in researching. Students will identify relevant characteristics about that good or service such as the following:

- average price
- average quantity sold per year
- whether the good is sold domestically and internationally.
- (optional) is demand for the good or service elastic or inelastic
- (optional) is the good or service taxed

Based on research, students will then graph the market for this good or service on graph paper. They will also be able to identify the supply and demand curve equations and the equilibrium price and quantity. An example to show students is below:



After the economics teacher reviews the student's graph, students will bring this graph to their art class. This pairs well with learning about graphic design art concepts such as color selection, font size and shape, spatial awareness, etc.

Art assignment: Students learn about color and other design elements and incorporate these lessons into their graphic design. E.g., color, font choice, contrast, spatial awareness, words, pictures.

When students have a complete sketch for their graph, they can now cross stitch it using the backstitch embroidery technique. If art/economics professors are not familiar with cross stitch, check out this simple tutorial: <http://mruniversity.com/sew>

Hang up in finished projects in classroom. Reference throughout the year as examples. As you learn more concepts, such as shifts in supply and demand curves, etc. students can add these elements to their graphs.

4. VARIATIONS

There are many variations for this project- the goal is to have fun and be creative while mastering an economic concept! Some possible ideas are listed below:

Variation 1: Timing. This works well as a culmination project and students can pick one graph they've learned about. Students review various graphs they've learned throughout the year and pick one they like. Ideally, they graph it. Art teachers can work with color, spacing, and design.

Variation 2: Purpose. It can also be used for humor and students need to pair graphs with pithy aphorisms. Or students can paint/draw render the market for their good or service in much more visually impressionistic ways.

Variation 3: Medium. This lesson uses sewing as the medium, but drawing/painting works well.