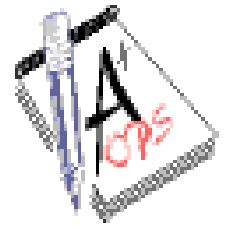


# Daily Planning Guide



Lesson Title Math Pre Algebra and Algebra

Date 7

Materials/Resources Listed Below

Content Standard\_\_

EXCELS\_\_

MCNS\_\_

## Anticipatory Set

Welcome students to class. Let them know that the next three days will focus on Math skills and hints as to how to deal with the tricks the ACT plays with math questions. Discuss what type of calculators can be used on the ACT.

## Objective (s)

I will be able to use the hints and tips for solving math questions on the ACT Math section.

## Procedures of Instruction

Have students get their notebooks out and let them know that the first portion of the session will be spent reviewing tips and practicing those tips

Present PowerPoint and discuss as you go through. It contains the four main methods of working with ACT math problems and 25 additional practice questions. This should take 45 minutes to an hour.

## Break

The second half of the session is practice with PreAlgebra and Algebra. Pass out the Math Facts and Formula packet. Students can use this the next three days while reviewing and working on problems. Pass out the Questions and have students work either individually or in pairs. Students may use calculators. After 45 minutes go over the answer key. Feel free to circulate and answer student questions or assist them. Emphasize with them that these sessions cannot reteach three years of math but review. How much effort they put into their review will help determine their math score.

## Summary

Students focused on math skills and strategies for the ACT.

## Materials

Student calculators

PowerPoint

Math Facts and Formulas packet

Math practice questions and answer key

Algebra 1 Math texts if available from building math department

Pages 50-73 of The Real ACT



Lesson Title Intermediate Algebra

Date 8

Materials/Resources see below

Content Standard

EXCELS

MCNS

**Anticipatory Set**

Welcome students back spend a few minutes going over the math strategies covered in yesterday's PowerPoint.

**Objective (s)**

I will be able to review and practice Intermediate Algebra problems.

**Procedures of Instruction**

After reviewing the main strategies to be successful on the ACT Math section, inform students that today will focus on Intermediate Algebra. Students will work in pairs or individually on the questions. Students may use calculators. Since the Math section is 60 questions in 60 minutes this section will be timed. Students have 45 minutes to get at least 45 questions done. Go over answers before break.

**Break**

Upon return from break, students will go back and rework any questions marked incorrect. Students are to use the Math Facts and Formulas Packet to redo any problems. This should take at least one half hour.

**Summary**

**Materials**

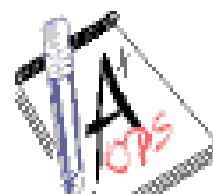
Students should have calculators

Intermediate Algebra math problems and answer key.

Math Facts and Formulas Packet

Algebra 2 Math texts if available from building Math department

Pages 50-73 of The Real ACT



Lesson Title Geometry and Trig Review

Date 9

Materials/Resources see below

Content Standard\_\_

EXCELS\_\_

MCNS\_\_

### **A<sup>+</sup>nticipatory Set**

Welcome students to class and inform them that today will be the last day of math review. Today will focus on geometry and trig. Let students know that there are only 4 trig questions on the ACT. The questions tend to be at the end of the test. If they have taken any trig yet, they are to at least guess. Remind students that no question should be left unanswered. Guessing is a strategy they should use as a last resort.

### **Objective (s)**

I will be able to use the Math Facts and Formula packet to help me review geometry.

I will be able to use the strategies learned earlier this week to get through the geometry and trig questions.

### **Procedures of Instruction**

Discuss with students that Plane and Coordinate Geometry are focused upon on the Math section. Today will be a day of practice, practice, practice.

Pass out the Miscellaneous Geometry sheet. Students may work in pairs or individually to complete this.

Answers are on the bottom of the back side. This will be a warm up for the longer series of review questions.

### **Break**

Upon return from break, pass out the Pearson Geometry Assessment. Students may work in pairs or individually. There are 65 questions. Students should get as many done as possible/

### **Summary**

#### **Materials**

Student calculators

Geometry Practice sheet—Miscellaneous Geometry questions

Geometry and Trig review problems and answer key

Math Facts and Formula packet

Geometry Texts if available

Pages 50-73 of The Real ACT



Lesson Title Final Day ACT Practice

Date 10

Materials/Resources see below\_\_

Content Standard\_\_

EXCELS\_\_

MCNS\_\_

### **A<sup>+</sup>nticipatory Set**

Welcome students to the final day. Inform them that they will be taking practice tests over the sections they feel they need to focus on.

### **Objective (s)**

I will be able to take practice ACT tests on the sections I need the most review.

I will be able to take practice sections under testing conditions.

I will be able to describe the procedures that will be enforced during the ACT.

### **Procedures of Instruction**

Go over test day procedures with the students.

Log onto ACTstudent.org and click on test day checklist and discuss what they can expect. Click on “prohibited behaviors” and emphasize how easy it can be to be dismissed during testing.

Pass out practice tests to each student according to what each wants to focus upon. Before the break students will complete and grade one practice test.

### **Break**

Following break, students will complete another practice test of their choice. Students will grade.

Wish them the best of luck.

Collect materials and save for next June!!

### **Summary**

#### **Materials**

ACTstudent.org site for test day procedures

Day 10 Practice tests with answer keys.



Lesson Title\_\_  
Date\_\_  
Materials/Resources\_\_  
Content Standard\_\_  
EXCELS\_\_  
MCNS\_\_

<b>A<sup>+</sup></b> nticipatory Set
Objective (s)
Procedures of Instruction
Summary



Lesson Title\_\_  
Date\_\_  
Materials/Resources\_\_  
Content Standard\_\_  
EXCELS\_\_  
MCNS\_\_

<b>A</b> <sup>+</sup> nticipatory Set
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