

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Numeration Position A

## Objective/Skill Activity (PLATO):

Objective: Locate Objects: inside, outside, left, right, before, after, between, nearest, farthest, above and below.

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Numeration Classify A

## Objective/Skill Activity (PLATO):

Objective: Identify objects: same size and same shape

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

**Lesson (PLATO):****Curriculum: Math Expeditions****Course: Math Expeditions A – Pacific Tide Pools****Module: Number Recognition A****Objective/Skill Activity (PLATO):****Objective: Identify groups: 1,2,3,0-7, 8-11, 11-19, and 20-29****Content Standard (PLATO/State):****Standard:****Goal:****Anticipatory Set (Teacher):****Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson****Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)****Instructional Strategies (Teacher):****Use PLATO Math Expeditions to strengthen core proficiency math skills.****Promote problem-solving strategies using the help menus.****Use the online math manipulatives for small or whole-group instruction.****Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):****Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware****Extension Activity (Teacher):****Use the companion worksheets as a supplement to a courseware module.****Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.****Use the companion worksheets in small groups for problem-solving strategies.****Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.****Closure Activity (Teacher):****Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.****Assessment Strategy (PLATO/Teacher):****Use the PLATO Skills Inventory as to determine courseware placement.****Generate reports to track and measure the learner's progress.****Follow-up/Comments:****Discuss the report data with the learner to determine next steps.****Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again**

**Lesson (PLATO):**

**Curriculum: Math Expeditions**

**Course: Math Expeditions A – Pacific Tide Pools**

**Module: Numeration - Ordinals A**

**Objective/Skill Activity (PLATO):**

**Objective: Identify ordinals to fifth**

**Content Standard (PLATO/State):**

**Standard:**

**Goal:**

**Anticipatory Set (Teacher):**

**Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson**

**Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)**

**Instructional Strategies (Teacher):**

**Use PLATO Math Expeditions to strengthen core proficiency math skills.**

**Promote problem-solving strategies using the help menus.**

**Use the online math manipulatives for small or whole-group instruction.**

**Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):**

**Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware**

**Extension Activity (Teacher):**

**Use the companion worksheets as a supplement to a courseware module.**

**Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.**

**Use the companion worksheets in small groups for problem-solving strategies.**

**Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.**

**Closure Activity (Teacher):**

**Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.**

**Assessment Strategy (PLATO/Teacher):**

**Use the PLATO Skills Inventory as to determine courseware placement.**

**Generate reports to track and measure the learner's progress.**

**Follow-up/Comments:**

**Discuss the report data with the learner to determine next steps.**

**Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again**

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Numeration - Compare A

## Objective/Skill Activity (PLATO):

Objective: Same, more, fewer, one more/one fewer/as many as

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Numeration – Order A

## Objective/Skill Activity (PLATO):

Objective: Order numbers 1-31

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Number Operation Addition A

## Objective/Skill Activity (PLATO):

Objective: Join two groups & give total, Add two numbers: sums to 6

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Number Operation Subtraction A

## Objective/Skill Activity (PLATO):

Objective: Remove Objects from group, subtract numbers through 9

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Fractions A

## Objective/Skill Activity (PLATO):

Objective: Equal part of a whole & one half

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Money A

## Objective/Skill Activity (PLATO):

Objective: Identify penny, nickel, and dime

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Time A

## Objective/Skill Activity (PLATO):

Objective: Tell time to the hour

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Measurement Length A

## Objective/Skill Activity (PLATO):

Objective: Length using informal units

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Measurement Mass, Weight A

## Objective/Skill Activity (PLATO):

Objective: Objects – heavier?

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Measurement Capacity A

## Objective/Skill Activity (PLATO):

Objective: Which holds more or less?

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

# Lesson Plan Math Expeditions A

Elementary Courseware Skill Level K

## Lesson (PLATO):

Curriculum: Math Expeditions

Course: Math Expeditions A – Pacific Tide Pools

Module: Geometry A

## Objective/Skill Activity (PLATO):

Objective: Circles, squares & triangles

## Content Standard (PLATO/State):

Standard:

Goal:

## Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

## Instructional Strategies (Teacher):

Use PLATO Math Expeditions to strengthen core proficiency math skills.

Promote problem-solving strategies using the help menus.

Use the online math manipulatives for small or whole-group instruction.

## Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

## Extension Activity (Teacher):

Use the companion worksheets as a supplement to a courseware module.

Assign selected modules in Math Expeditions to reinforce skills for the advanced learner.

Use the companion worksheets in small groups for problem-solving strategies.

Use the math activity worksheets in PLATO Projects for the Real World (Level A-D) to supplement the modules with in the program.

## Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.

## Assessment Strategy (PLATO/Teacher):

Use the PLATO Skills Inventory as to determine courseware placement.

Generate reports to track and measure the learner's progress.

## Follow-up/Comments:

Discuss the report data with the learner to determine next steps.

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again