

**Lesson (PLATO):****Curriculum: Math Expeditions****Course: Math Expeditions F – Cumberland Island****Module: Numeration Compare F****Objective/Skill Activity (PLATO):****Objective: Compare numbers to 999,999****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.****Closure Activity (Teacher):****Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught.****Assessment Strategy (PLATO/Teacher):****Generate reports to track and measure the learner's progress.****Use the PLATO Math Expeditions Companion Worksheets as a pretest.****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 F – Cumberland Island**

**Module: Numeration Order F**

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

**Objective: Order Numbers to 999,999**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Numeration Place Value F**

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

**Objective: Identify place value millions**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Number Operation Addition F**

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

**Objective: Add two or more numbers, Estimate Sums, Add Large numbers**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Number Operation Subtraction F**

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

**Objective: Estimate differences, subtract numbers up to 6-digits, subtract numbers with zeros**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Number Operation Multiply F**

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

**Objective: Multiply 3 & 4 digits by 1-digits, Multiply using money, Multiply tens and hundreds, Estimate products, Multiply 2-3 digits by 2-digits, Multiply 3-digit numbers**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Number Operations - Division**

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

**Objective: Divide 2-3 digit by 1-digit with remainders, Dividing money, Divide 3-digit by 1-4 digits, divide 2 and 3 digit by multiples of ten**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Number Operation Division F**

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

**Objective: Divide 2-3 digit by 1-digit with remainders, Dividing money, Divide 3-digit by 1-4 digits, divide 2 and 3 digit by multiples of ten, divide by 2-digit with remainders, Estimate quotients**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Fractions F**

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

**Objective: Add & Subtract same/different fractions, add mixed numbers, multiply fractions/mixed numbers**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Decimals F**

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

**Objective: Compare, order, round decimals, add and subtract decimals, multiply decimals, divide decimals**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Ratio/Proportion F**

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

**Objective: Decimals & Fractions, percents, write ratios**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Measurement Length F**

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

**Objective: Metric units of length**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Measurement Capacity F**

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

**Objective: Metric units capacity, mass**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Numeration Round F**

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

**Objective: Round numbers to millions**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Geometry F**

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

**Objective: Classify points, lines, angles, Identify geometric shapes, measure angles, locate coordinate points, find the perimeter, circumference, area, identify congruent and similar, find the volume**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Graphs F**

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

**Objective: Data from graphs**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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 F – Cumberland Island**

**Module: Probability F**

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

**Objective: Range, median, mode & mean**

**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.**

**Closure Activity (Teacher):**

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

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

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

**Use the PLATO Math Expeditions Companion Worksheets as a pretest.**

**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**