Lesson 4: Remediation and Enrichment (90 minutes)

Lesson Overview: Students will continue to work through word problems. Students will review what was done from lessons 1-3 before they are given a word problem to solve that has numbers. After opening lessons, students will then complete small group work. The work will be differentiated at the teachers table by student ability and readiness.

Resources/Materials:

- Projected word problem

- story problem printout

- pencil

- Khan Academy

- Intervention or SuccessMaker

- word problem #1

- word problem #2

- projector

- computer

Performance Objective: Given five multistep word problems, students will solve with 100% accuracy in 3 out of 5 opportunities.

Whole Group Instruction: 15 minutes

Pre-Instructional Activities: Review what we have learned from days 1-3, students will discuss CUBES and how it is used to help them solve multi-step word problems. Discuss other strategies students use when working through problems (cooperative learning discussion). Students will be presented a problem to solve, teacher monitors and guides as needed. Teacher checks work to observe student learning/misconceptions (formative).

Content Presentation: The teacher presents the problem. Students will be given time to solve before strategies and answers are discussed. The teacher needs to monitor student work for misconceptions. If students finish early, they should receive another problem to solve so that class time is utilized.

1) Nathan's friends were collecting pieces of toffee to fill a box. Each friend had to find 11 pieces of toffee. At the end of the day, Nathan's friends had 242 toffees. How many of Nathan's friends participated?

After students is done working:

The teacher will have students explain whole group how they solve. Students should be asked if there are any other strategies and discussion on how the problem can be broken down to solve.

Independent Practice: 15 minutes

Students will be given a set of problems to solve using strategies that have been used from days 1-3.

Possible story problem that could be used- Camping Adventure

As this is the last whole group activity, student progress should be notated so that students can be remediated as needed before summative assessment takes place on day 5.

Small Groups: 60 minutes (4 groups will rotate every 15 minutes, every students will rotate to use the 4 stations)

Technology: Intervention or SuccessMaker (depends on what student scored with the Independent Practice)

Independent Practice: Khan Academy Multistep Word Problems Practice

Partner Practice: Two levels of problems depending on student needs (challenging or intermediate) [word problem #1](#) [word problem #2](#)

Teacher Table/Formative Assessment:

Students will be given five multi-step word problems to solve.

Teacher will grade as we go, students enjoy the instant feedback especially when we use the thumbs up stamp to mark the problems are correct.

Given five multi-step word problems, students will solve with 100% accuracy in 3 out of 5 opportunities.

Name _____   Date _____

Grade 4 Word Problems Set 1

1) Sammy went to the store and counted 324 pairs of shoes. He went to another store and counted 231 pairs of shoes. How many pairs of shoes did Sammy count total? **Round to the nearest hundred.**

2) Cara's school was having a bake sale. She sold brownies for .20 cents each. At the end of the day she had earned $4.40. How many brownies did Cara sell at her bake sale?

3) Each present that Kelly's grandma bought cost 5 dollars. If Kelly's grandma bought 6 presents, how much money did she spend total on all of the gifts?

4) Mitsy bought 8 cans of tuna for her cat. If he liked to eat two cans of tuna each day, then how many days worth of tuna did Mitsy purchase?

5) Jared counted 5 cars pass him on the street. If he counted 5 cars each day of the week, how many cars would Jared see by the end of the week?