

Lesson Plan for KNP Activity

A 3355.4: Bull's Eye

Teacher Planning Notes:

Task Group Number: 3355

Task Group Name: Bull's Eye

Strand: Addition and Subtraction

Activity Level and Color: 4 Purple

KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=3355.4&prefix=A>

Numeracy Target: Relate addition and subtraction

[Numeracy Targets Chart](#)

Fluency Benchmark: KY.2.OA.2 Fluently add and subtract within 20.

Kentucky Academic Standard(s): [KY.1.OA.3](#), [KY.1.OA.8](#), [KY.2.OA.2](#)

Student-Friendly Learning Target: I am learning to find the missing subtrahend for subtraction tasks within 20. I am also learning to find the total of six single digit numbers.

Suggested Student Grouping(s): Partners

Materials:

-Two dot die OR numeral cards [1 to 20], -Partner Target Worksheets (for dot die or for numeral cards), -Pencil, -Optional counters or bead rack for support

Activity Description:

Students take turns. On his/her turn, student will roll both die. They will then add the numbers together to get their total. Write this number in the Total of Numbers Rolled space. Student will then find the missing subtrahend to make the number sentence true. Write that number on the blank. This is the number you will use to find points for this round. Explain the guide in is range form. So, when the student figures out the missing subtrahend, the range on their worksheet that number falls in, and record the points for that range on their sheet. At the end of six turns the students then total their scores. They will then figure out how close they are to twenty. The person closest to twenty wins. If playing with numeral cards, students will shuffle the numeral cards or twenty frames and place face down in the middle of the group. On his/her turn, student will select a numeral card. They will write this number in the Number Drawn space. Student will then find the missing subtrahend to make the number sentence true. Write that number on the blank. The missing subtrahend is the number you will use to find points for this round. Explain the guide in is range form. So, when the student figures out the missing subtrahend, the range on their worksheet that number falls in, and record the points for that range on their sheet. At the end of six turns the students then total their scores. They will then figure out how close they are to twenty. The person closest to twenty wins.

Teacher Notes:

This activity challenges students to find the difference between twenty and a smaller number. Students are ready for this activity when they can mentally total two numbers within twenty and also find a total of six single digit numbers within the range of twenty. Students will be challenged to use efficient mental strategies to find the total of the six numbers. Then students will find the distance to the number twenty. Materials notes: There are two different versions of the worksheets provided depending on whether you choose to use the die or cards. These worksheets have different ranges on the score guide that are based on possible solutions to the problems. Created by Jordan Rhude & Emily Westerling, 2015

Evidence of Learning (Diagnostic Assessment of Progress):

Student rolls two dot dice and then finds the total. They tell how much to subtract from 20 to get that number.

KNP ID #A 3355.4

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