Roll Today's Number

Number and Operations in Base 10

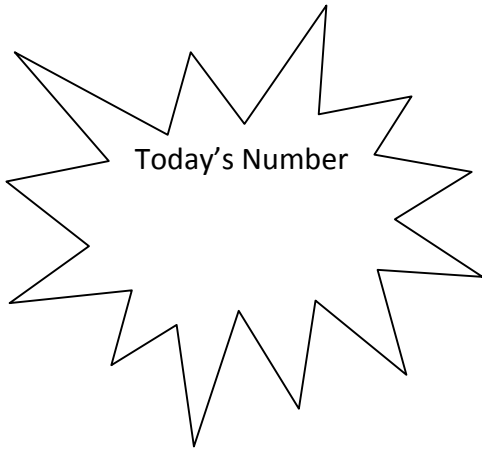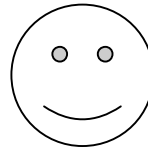|	
Concept	Determine attributes of a four-digit number and answer place value questions.
Materials needed	For each student: • A die • A recording sheet
Directions	Students roll the die to create a four-digit number. The first roll will be the thousands, the second the hundreds, third the tens, fourth the ones. Student will then use the digits rolled to complete the recording sheet.
Differentiate	For students struggling with the concepts, the teacher could partner students to make this a "Math with Someone" activity. Students would then have a peer check their work. The teacher can also have the student make a two or three digit number rather than a 4 digit number. For advanced students (after completing the page) the teacher can have students turn it over and create a word problem for which their number is the answer.
CCSS	CCSS.Math.Content.2.NBT.A.1 - Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. CCSS.Math.Content.3.NBT.A.1 - Use place value understanding to round whole numbers to the nearest 10 or 100. CCSS.Math.Content.3.NBT.A.2 - Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction. CCSS.Math.Content.3.OA.D.9 - Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.

Today's Number

Standard form_____

Expanded form_____

Word form_____

_____

Use the number's digits to make this number sentence true

_____ > _____

Sum of the digits

_____

Odd   Even

Less   More

_____10_____

_____100_____

_____1000_____

Round to the nearest:

10 _____

100 _____

thousands	hundreds	tens	ones

Use the digits of the number to make 3 new numbers and put them in order from least to greatest

_____ _____ _____