OKLAHOMA CHALLENGE

NAME _____ **DATE** _____ **PERIOD** _____

Nearly 8 out of 10 crashes happen within 3 seconds of a driver becoming distracted.

A driver can travels the length of a football field in just 3 seconds.

OBJECTIVE: Assess the use of technology and its effect on quality of life.

QUICKWRITE: Read the statistics printed in the octagons above and consider the following: a 2017 report from the AAA Foundation for Traffic Safety found that 88% of drivers aged 19-24 engaged in at least one risky behavior (speeding, texting, or running a red light) behind the wheel in the last 30 days. What comes to mind when you read these statistics? Describe your initial thoughts.

_____

_____

_____

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_____

ANALYSIS: How does today's activity relate to the statistics mentioned in the quickwrite? What is distracted driving?

_____

_____

_____

_____

_____

VIDEO ANALYSIS: https://www.youtube.com/watch?v=pdDKHiO0Xzo

1) Describe your reaction after seeing the descruction caused to the vehicle the grandmother and her grandchildren were riding in.

_____

_____

_____

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2) Do you think it should be illegal in Oklahoma to text and drive? Why or why not?

3) OKLAHOMA: Distracted Drivers in Crashes by Electronic Device

DRIVER AGE	2011	2012	2013	2014	2015
16 – 24	739	801	675	726	702
25 – 34	451	462	453	410	512
35 – 44	264	216	255	243	244
45 – 54	187	159	155	168	172
55 – 64	96	91	86	90	86
65 – 74	40	45	48	42	31
75+	20	10	14	16	12

Analyze the chart above. Identify any trends.

4) What do the numbers in the chart above indicate to you about distracted driving?

5) Select a fact below and describe why it is meaningful to you:

Teen driver crashes are the leading cause of death for our nation's youth. The overwhelming majority of these crashes are caused by inexperience or distractions, not "thrill-seeking" or deliberate risk-taking.

20% of 11th grade drivers reported at least one crash over the past year, including 5 percent who experienced two or more crashes.

Distraction was a key factor in 58% of crashes involving drivers ages 16 to 19, according to video footage of 1,691 moderate-to-severe crashes 6 seconds before they occurred.

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6) Draw a meme that discourages distracted driving:

Example

Draw your meme below:

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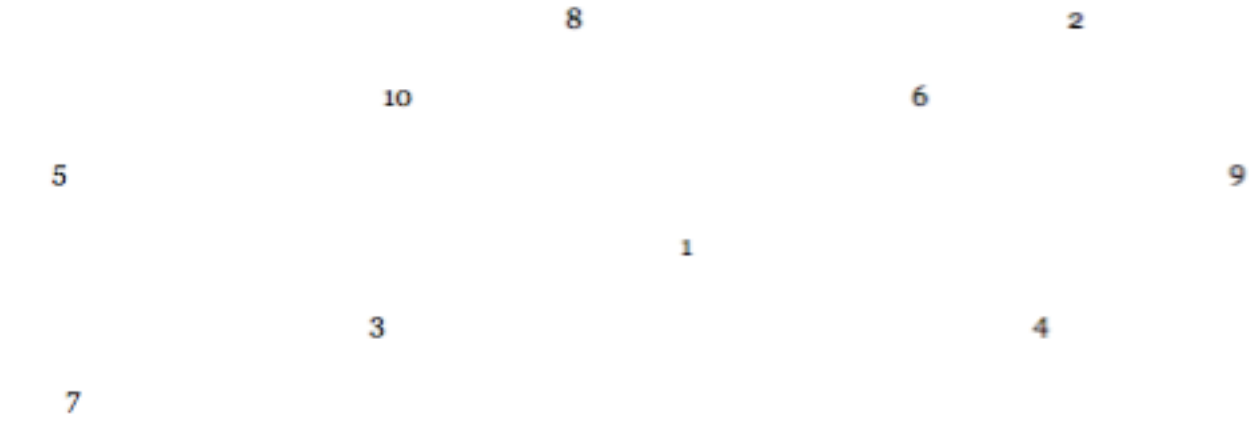
Touch Track

Have a partner time how long it takes to touch all numbers in correct sequence using your index finger



Touch Track

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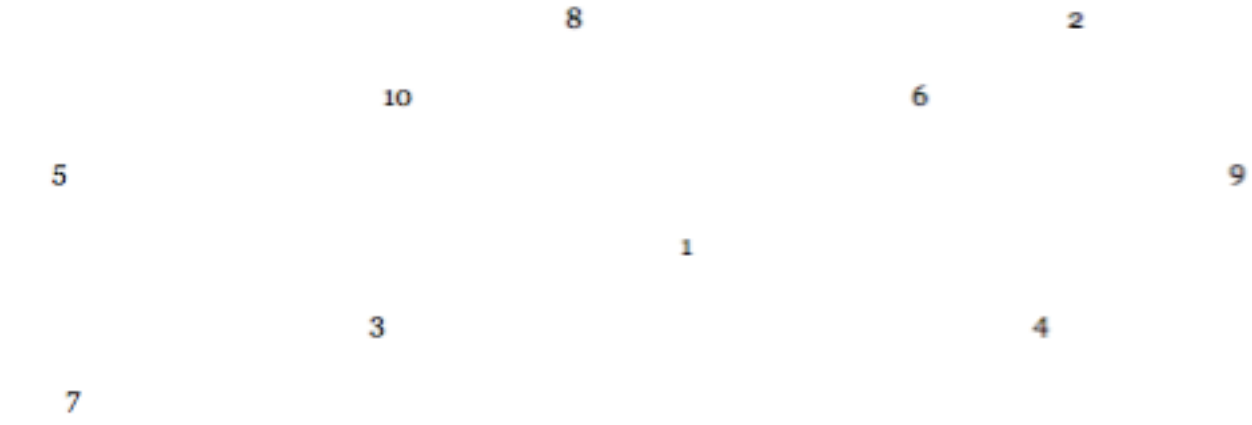

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Touch Track Math Problems (to read for the touch track activity)

*One partner will read aloud the math problems while the other partner says the answer out loud and types the answer on the touch track. Time how long it takes to answer and type all of the answers.

2 +2 = _____

4 +2 = _____

6 + 2 = _____

8 + 4 = _____

10 + 3 = _____

6- 2 = _____

8 + 6 = _____

10 x 3 = _____

12 x 3 = _____

5 x 5 = _____

5 x 6 = _____

4 + 3 = _____

7 x 3 = _____

6 x 6 = _____

10 – 5 = _____

5 + 5 = _____

Touch Track Math Problems (to read for the touch track activity)

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2 +2 = _____

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8 + 4 = _____

10 + 3 = _____

6- 2 = _____

8 + 6 = _____

10 x 3 = _____

12 x 3 = _____

5 x 5 = _____

5 x 6 = _____

4 + 3 = _____

7 x 3 = _____

6 x 6 = _____

10 – 5 = _____

5 + 5 = _____

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TOUCH TRACK ACTIVITIES:

Preparation for the Activity:

o Print copies of the Touch Track Handout (enough copies for half of the class)
o Print copies of the Touch Track Math Problems (enough problems for half the class)

Materials Needed:

- Copies of the handouts mentioned above
- Pen/Pencil
- Paper
- Stopwatches (if you are a Bring Your Own Device school, you may allow them to use their phones for this)

During the Session:

1. Have the students pair up with one another and pass out the stop watches and Touch Track Handout
2. Have one group member touch each number in sequence while the other one times how long it takes. Record how long it takes to complete the sequence. Have students swap roles.
3. Ask each group to time how long it takes to touch each number in sequence.
4. Now pass out a copy of the Touch Track Math Problems to each pair.
5. Have one student read math problems. The other student uses mental math to solve problems while pointing to the answers on the Touch Track Handout. Record how long it takes to complete the sequence. Have students swap roles.
6. Have students return to their original seats for a Ticket out the Door.
7. Ticket out the Door: *One Minute Paper*
    a. Read the following statistic to the class: Nearly eight out of ten crashes happen within three seconds of a driver becoming distracted. Within three seconds at the speed of 55 miles per hour the vehicle has covered the length of a football field.
    b. Give the students one minute to write as much as they can about how this statistic relates to activity today. If time allows, have some of them share their minute papers before turning them in.

DISTRACTED DRIVING MEMO

1) Attach a golf tee to the top of a Frisbee or round disc (if you can find an old steering wheel, it can be used also) and balance the golf ball.
2) Seat a student on a chair and give the student the steering wheel disc
3) Have three or four students distract the student that is holding the Frisbee or round disc or old steering wheel).
4) Time how long it takes for the ball to drop from the golf tee.
5) Have the student discuss how they were feeling as they were being distracted.