

LOW-TECH SOLUTIONS TO UPGRADE YOUR CLASSROOM ENGAGEMENT AND ASSESSMENTS

Alex Adams

START
HERE

pollev.com/alexadams365





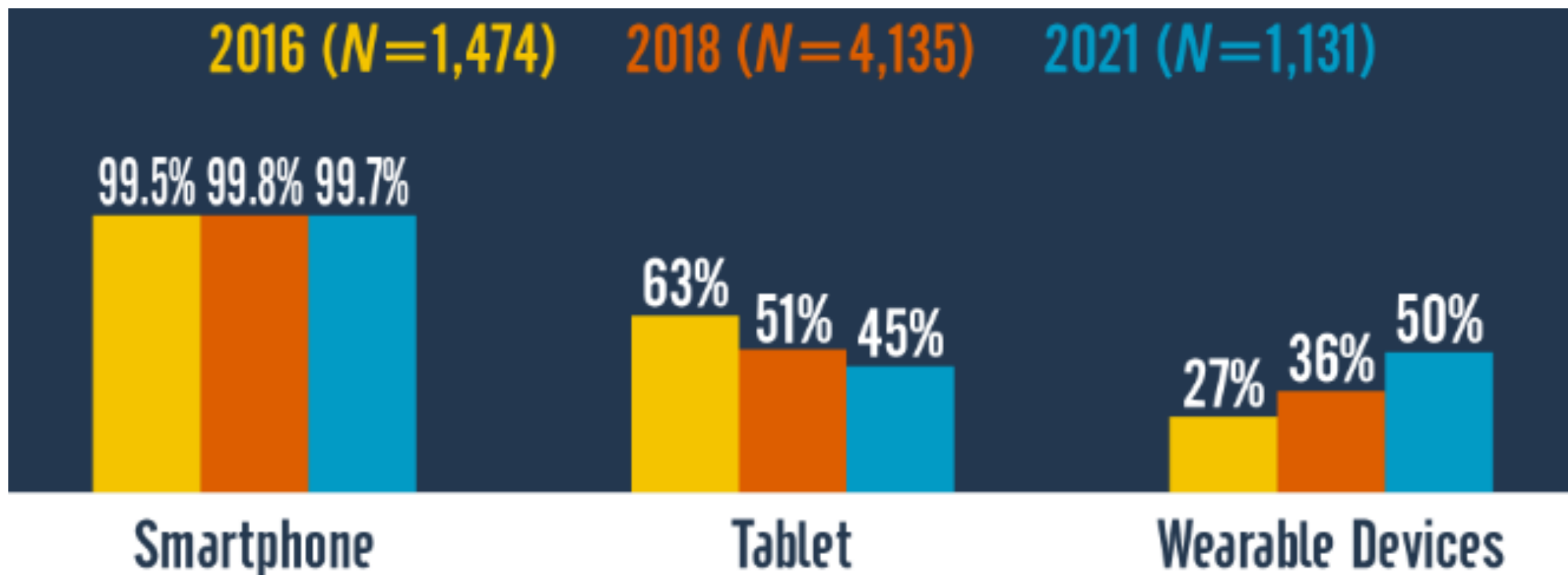
Health & Human Performance



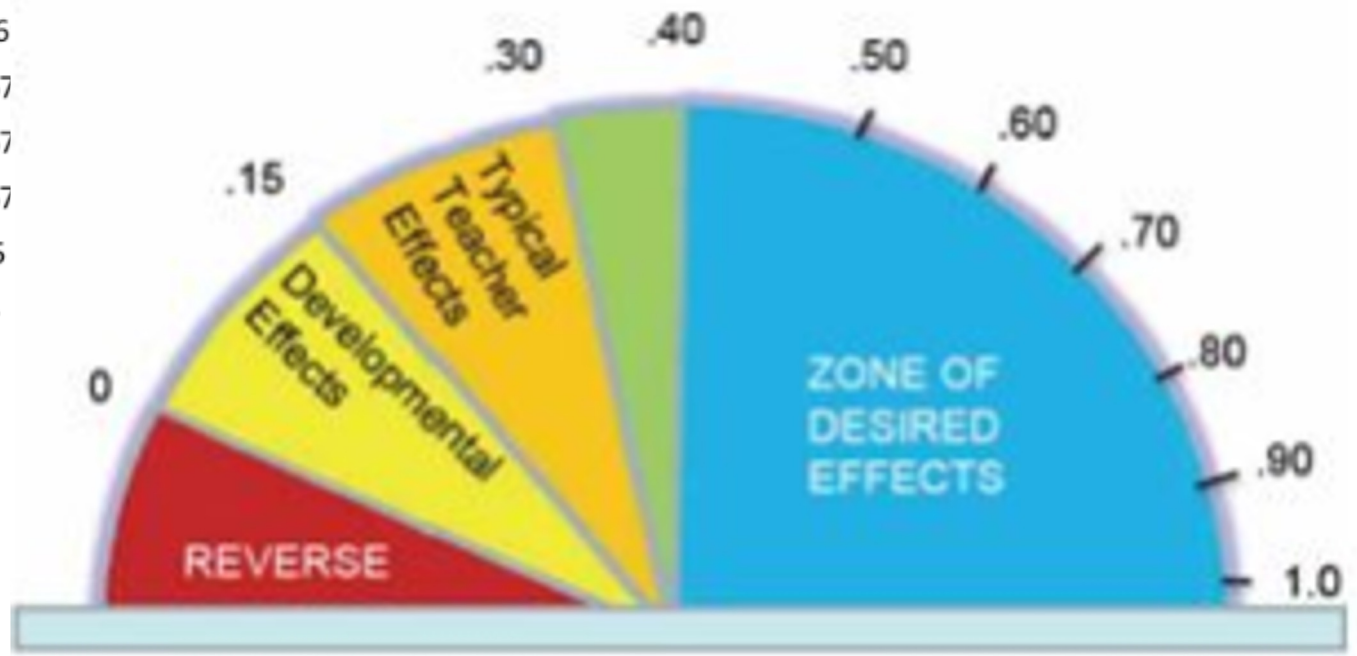
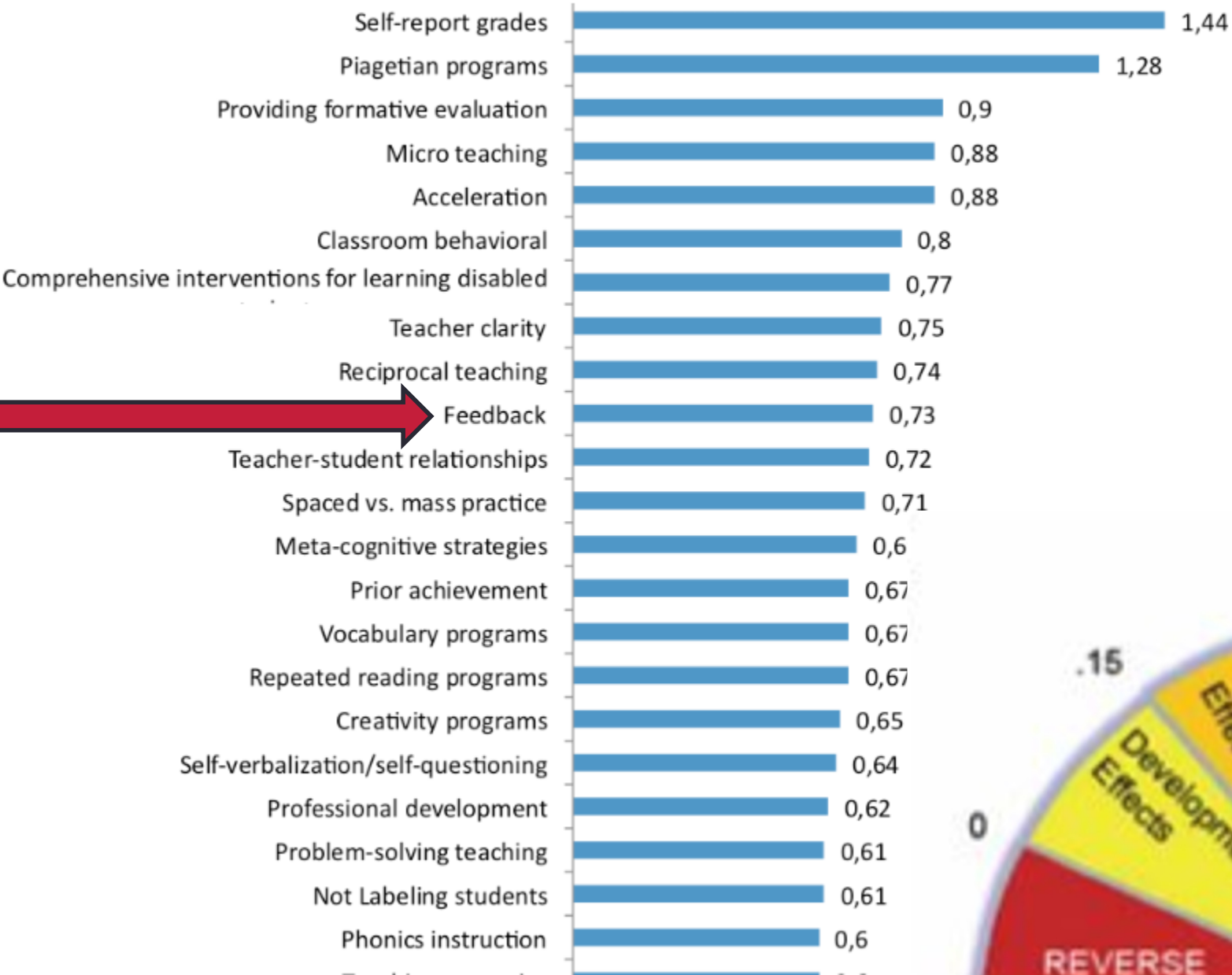
Today's Learning Outcomes

To be able to have some new ideas to embed free (freemium) technology into your teaching in order to provide a more engaging classroom and timely feedback to students.

Most of Our Students Have Mobile Devices



(Till et al., 2022)

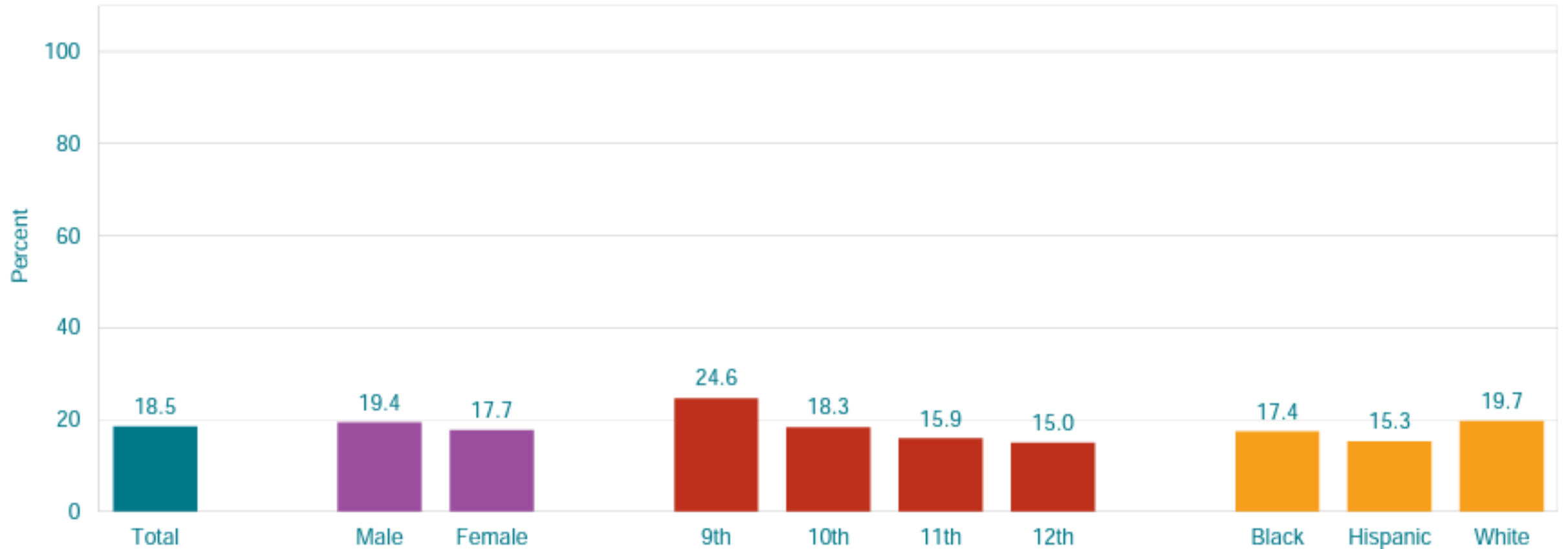


(Hattie, 2012; 2015)

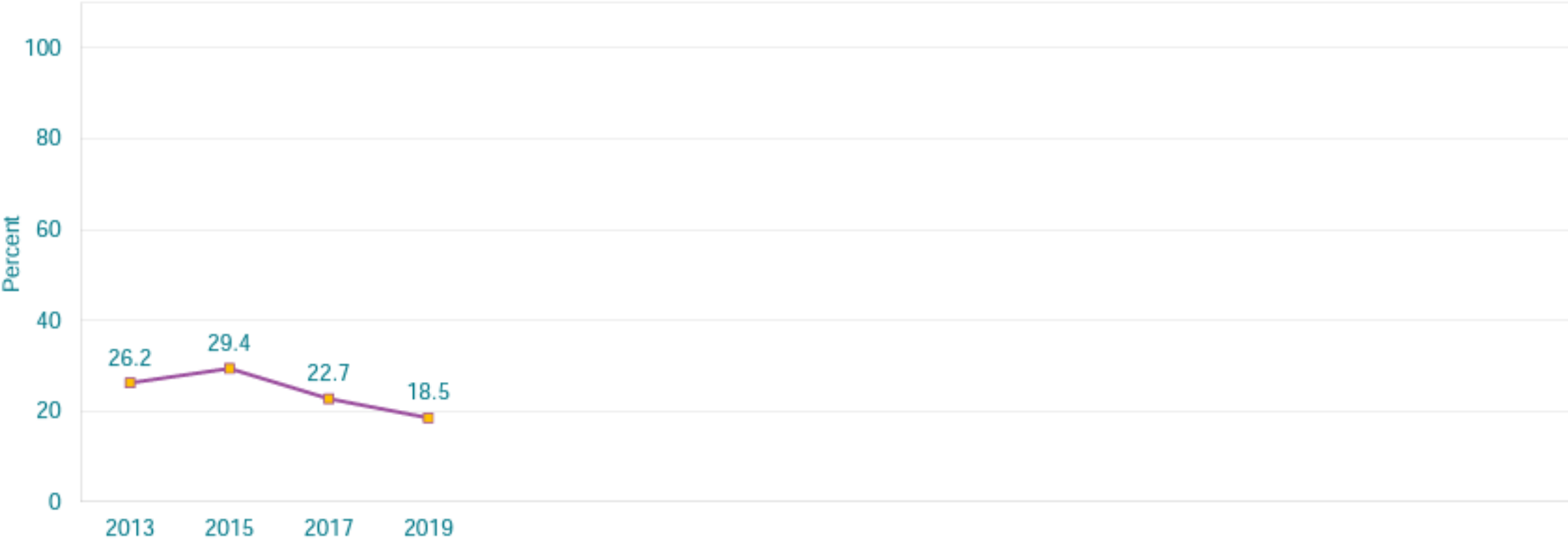
Poll Everywhere




Percentage of High School Students Who Got 8 or More Hours of Sleep,* by Sex, Grade,[†] and Race/Ethnicity, 2019



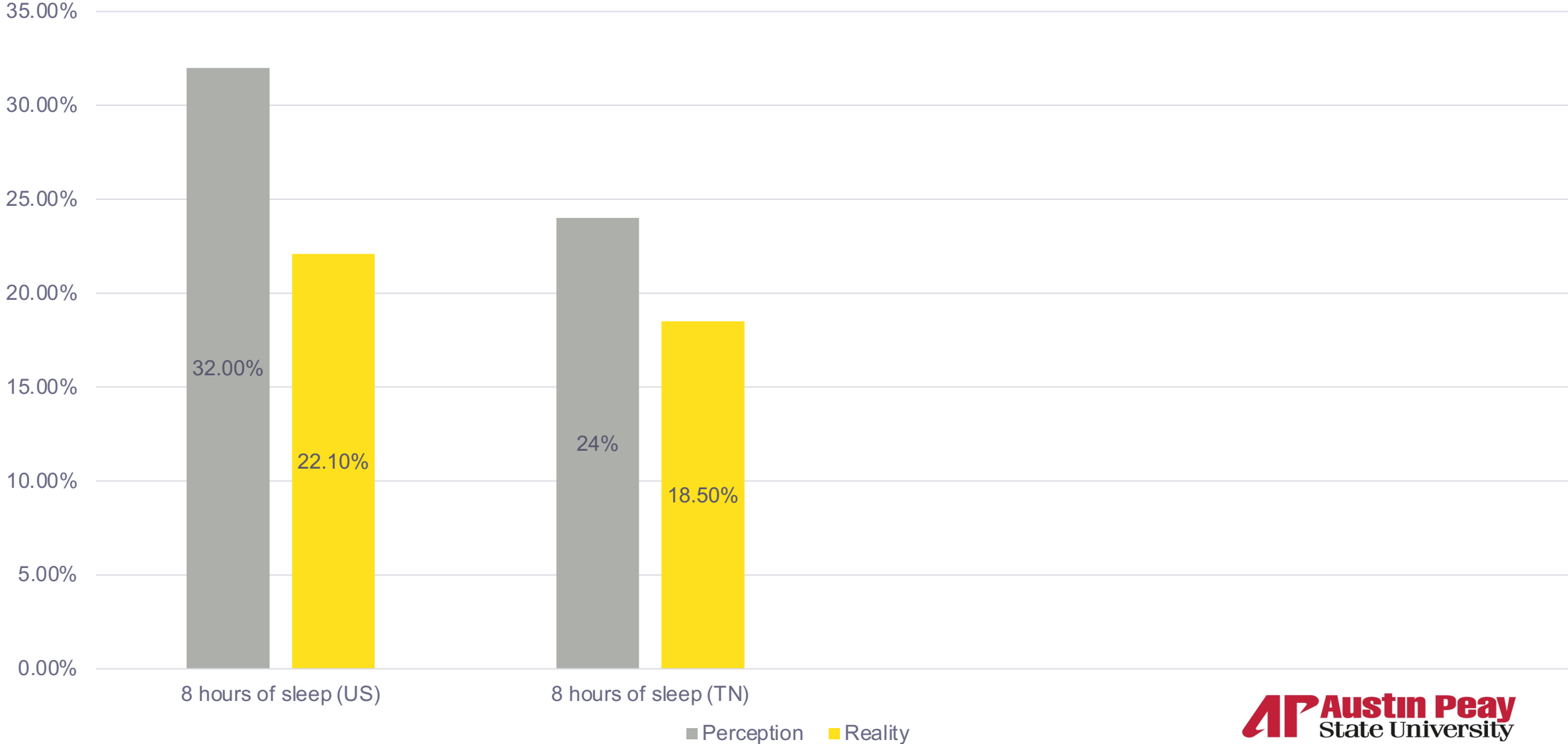
Percentage of High School Students Who Got 8 or More Hours of Sleep,* 2013-2019†



High School Youth Risk Behavior Survey

Question	Tennessee 2019	United States 2019	p-value	Tennessee 2019 More Likely Than United States 2019	United States 2019 More Likely Than Tennessee 2019	No Difference
Did not get 8 or more hours of sleep (on an average school night)	81.5 (78.8-84.0) 2,123	77.9 (76.3-79.4) 13,105	0.02			

Sleep?





Multiple choice



Word cloud



Q&A



Ranking



Clickable image



Open-ended

Title



Text, image URL, or LaTeX



Text, image URL, or LaTeX



+ Add option

Save

Cancel

Multiple choice

Word cloud

Q&A



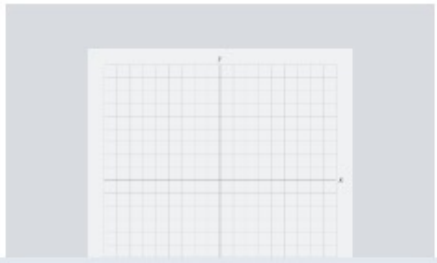

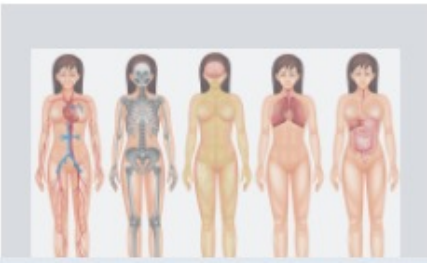
Ranking

Clickable image

Open-ended

Title

Upload your own image

1 H Hydrogen																	2 He Helium
3 Li Lithium	4 Be Beryllium											5 B Boron	6 C Carbon	7 N Nitrogen	8 O Oxygen	9 F Fluorine	10 Ne Neon
11 Na Sodium	12 Mg Magnesium											13 Al Aluminum	14 Si Silicon	15 P Phosphorus	16 S Sulfur	17 Cl Chlorine	18 Ar Argon
19 K Potassium	20 Ca Calcium	21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc	31 Ga Gallium	32 Ge Germanium	33 As Arsenic	34 Se Selenium	35 Br Bromine	36 Kr Krypton
37 Rb Rubidium	38 Sr Strontium	39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium	49 In Indium	50 Sn Tin	51 Sb Antimony	52 Te Tellurium	53 I Iodine	54 Xe Xenon
55 Cs Cesium	56 Ba Barium	57 La Lanthanum	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold	80 Hg Mercury	81 Tl Thallium	82 Pb Lead	83 Bi Bismuth	84 Po Polonium	85 At Astatine	86 Rn Radon
87 Fr Francium	88 Ra Radium	89 Ac Actinium	104 Rf Rutherfordium	105 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium	109 Mt Meitnerium	110 Ds Darmstadtium	111 Rg Roentgenium	112 Cn Copernicium	113 Uut Ununtrium	114 Fl Flerovium	115 Uup Ununpentium	116 Lv Livermorium	117 Uus Ununseptium	118 Uuo Oganesson
<p>* 58 Ce Cerium, 59 Pr Praseodymium, 60 Nd Neodymium, 61 Pm Promethium, 62 Sm Samarium, 63 Eu Europium, 64 Gd Gadolinium, 65 Tb Terbium, 66 Dy Dysprosium, 67 Ho Holmium, 68 Er Erbium, 69 Tm Thulium, 70 Yb Ytterbium, 71 Lu Lutetium</p> <p>** 90 Th Thorium, 91 Pa Protactinium, 92 U Uranium, 93 Np Neptunium, 94 Pu Plutonium, 95 Am Americium, 96 Cm Curium, 97 Bk Berkelium, 98 Cf Californium, 99 Es Einsteinium, 100 Fm Fermium, 101 Md Mendelevium, 102 No Nobelium, 103 Lr Lawrencium</p>																	

Delete

Poll Everywhere

pollev.com/username

Respond at [PollEv.com/Username](#)

How are you feeling?

concerned

cheerful happy excited good

sad

thankful 😊

optimistic 🎉 peachy

eager delighted

pensive

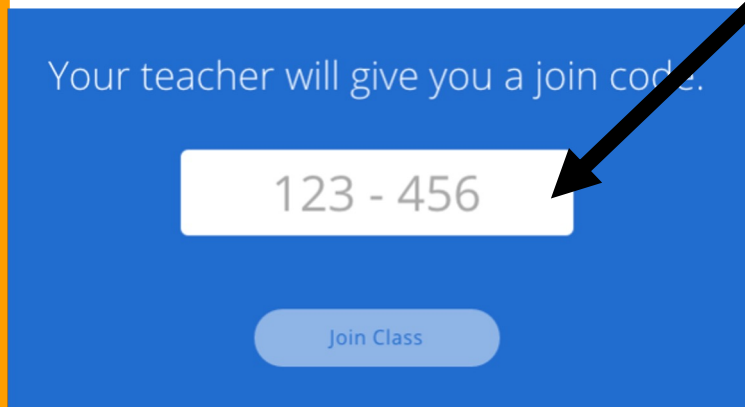
Quizlet Live

Type this link into any browser to play:

[Quizlet.com/live](https://quizlet.com/live)

Enter game code

Then type your name



Your teacher will give you a join code.

Join Class

A black arrow points from the text 'Enter game code' to the input field containing '123 - 456'.

Quizlet Live



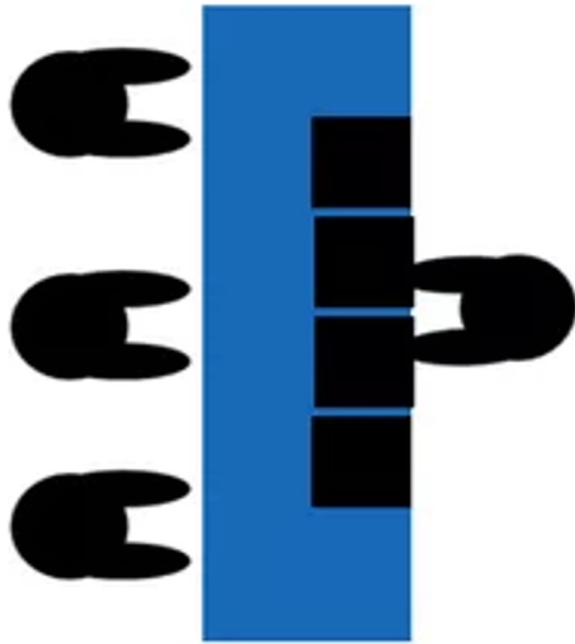
ELEVEN

Players stop when their team reaches eleven. This game is meant to allow slower teams to master the vocabulary.

Slower teams may not master the vocabulary as fast as other teams. Shuffle constantly, so students don't feel they are on a slow team.

Find more suggestions for playing [Quizlet Live](#)
[Eleven here.](#)

Quizlet Live



RELAY

Students will set up the computers for their team next to each other. Team members will line up behind their computers (so they can't see). Each player takes turns looking at all the computers, finding the answer, then tagging the next player .

Students will love the active nature of this game, but make sure to have plenty of room.

Want to see Quizlet Live Relay in action? Check out [this fun post.](#)



Quiz #0

Immediate Feedback Assessment Technique (IF-AT)

- One person be the reader
 - Read the question and all options
- One person be the recorder
- Rest of group should play devils advocate
 - Don't just agree with the first answer that is said.
- If your group gets it wrong the same question will appear. Re-read the question and the remaining options and try again. If you are correct on the second the next question will appear and you will receive partial credit. You get three total chances to get it correct.

Quiz Grade (IF-AT)

- 10 questions
- 60% for individual 10 mins
- 40% group and 8 mins
 - 4 points — correct on first chance
 - 2 points — correct on second chance
 - 1 point — correct on third chance

IMMEDIATE FEEDBACK ASSESSMENT TECHNIQUE
Name _____
Subject _____
SCRATCH OFF COVERING TO EXPOSE

	A	B	C	D	E
1.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16 responses



SUMMARY

QUESTION

INDIVIDUAL

Accepting responses

Insights

Average
6.5 / 10 pointsMedian
6 / 10 pointsRange
3 - 10 points

Total points distribution



Frequently missed questions

Correct responses

Which of the following sentences have a direct object?

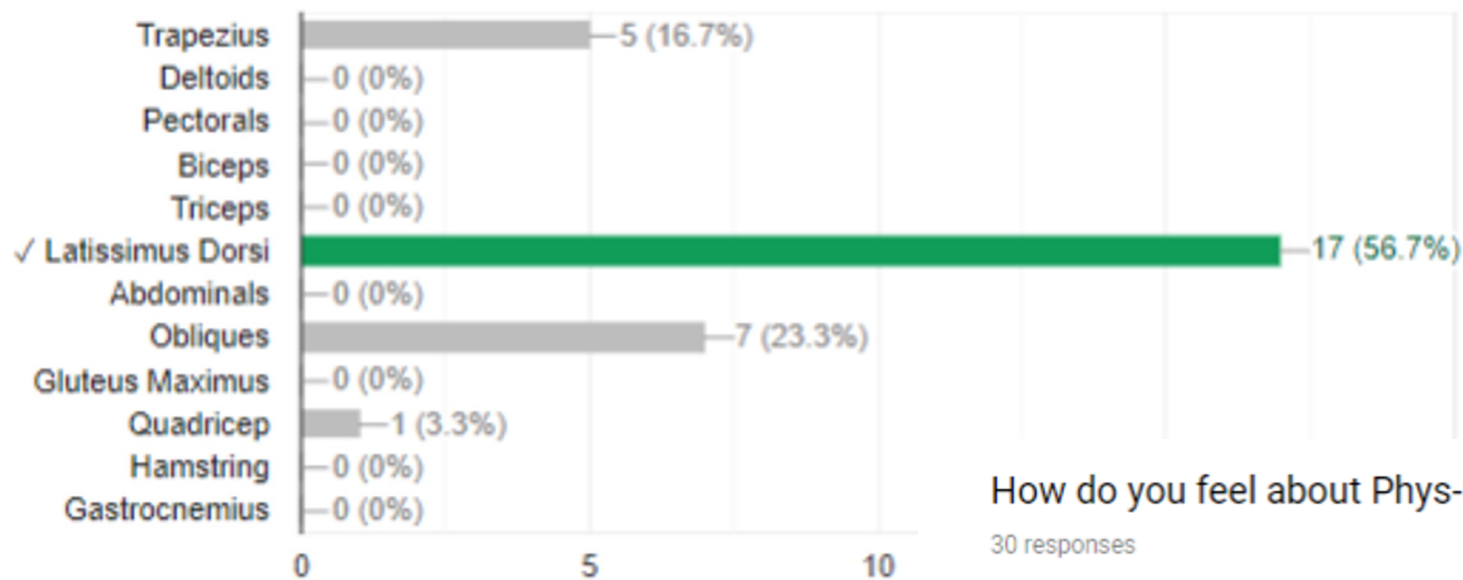
5 / 16

What is the subject of the sentence below?

6 / 16

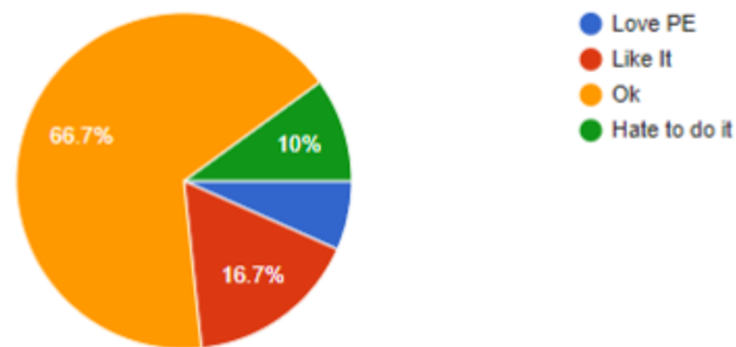
Identify the muscle.

17 / 30 correct responses



How do you feel about Phys-ED?

30 responses



CK in Physical Education

CCK

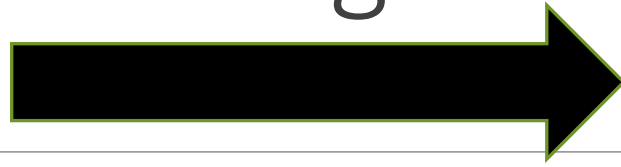
- Knowledge of Rules and Etiquette
- Knowledge of Technique and Tactics

SCK

- Knowledge of Task Progressions
- Knowledge of Common Errors

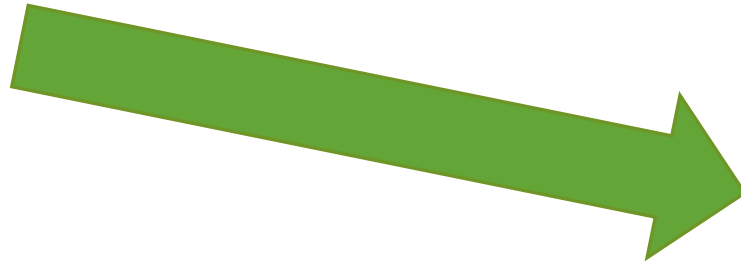
Check for Understanding

The technique of the sit up!



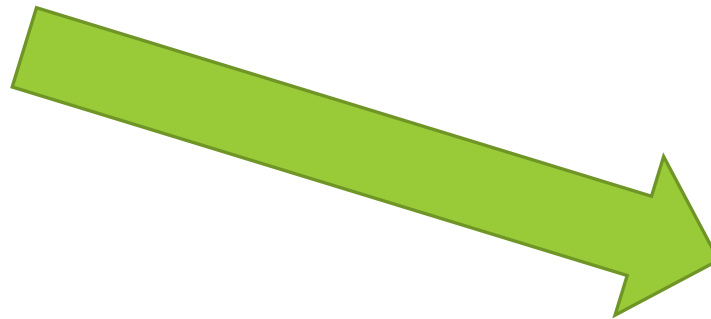
**Common
Content
Knowledge
(CCK)**

Think about the sequence of task progression for the teaching the sit up!



**Specialized
Content
Knowledge
(SCK)**

Which task progressions would you exclude if you were teaching 8th graders



**Pedagogical
Content
Knowledge
(PCK)**

Which task progressions would you exclude if you were teaching 1st graders with little experience



Flipity

- Make Teams
- Random name picker
- Many more features



1

Julia
Oscar
Jenny
Luke

2

Zach
Chelsey
Chase
Fabiola

3

Marvin
Matt
Cayton
Joey

4

Robert
Patrick
Gabe
Kendra

Quizizz



Type this link into any browser to play:

[JoinMyQuiz.com](https://www.joinmyquiz.com)

Enter Game Pin

415110

Then type your name

Home Activity

Enter 6 digit game code JOIN

Quizizz

- Use as a formative tool to give feedback during a unit
- Can be used as a pre test. Use it before you've taught a topic
- Can be used as HW
- Go at your own pace
- Has great analytics for you to make adjustments to your teaching
- Have students create their own or just submit a question

▶ PLAY LIVE!

🕒 HOMEWORK

Questions



Alex Adams

Austin Peay State University

@coachadamspe

Adamsaj@apsu.edu