FBİSD

FBISD SHAC Meeting

February 19th, 2025









FBISD SHAC 2024-2025 February 19th, 2025 Meeting Agenda

Theme: Effects of School Start Times

#YouAreNotAlone

(Time: 12:00 - 12:10pm)

I. Welcome- Catalina Flores-Rau, SHAC Chair

A. Mindful Moment - Allison Thummel, Ex Officio Chair

5 min 5 min

B. Think Tank Celebration - Lori Sartain, Director Behavioral Health & Wellness

II. Presentations

_(Time: 12:10-1:00pm)

A. The Science of Teen Sleep: Aligning School Schedules with Biology

20 min

- Dr. Jessica Meers, PhD, Clinical Psychologist, Board Certified in Behavioral Sleep Medicine

B. Healthy High School Start Times: Myths, Misconceptions, and Strategies

20 min

- Dr. Stephanie Ellis, Psychologist and FBISD Parent

C. 2018 Study Review, Survey Results and Q&A - Catalina Flores-Rau, SHAC Chair

10 min

(Time: 1:00 – 1:20pm)

III. Administration

A. Vote on Minutes from the December SHAC Meeting-Derek Craig, SHAC Secretary

5 min

B. Brain Break- Lori Sartain, Director Behavioral Health & Wellness

5 min

C. Upcoming Events- Shannon Nash, Wellness, Health & Prevention Specialist

10 min

IV. Meeting in Closed Session

(Time: 1:20-1:45 pm)

Subcommittees Convene – Discuss School Start Times Survey

V. Meeting Closure- Catalina Flores-Rau, SHAC Chair



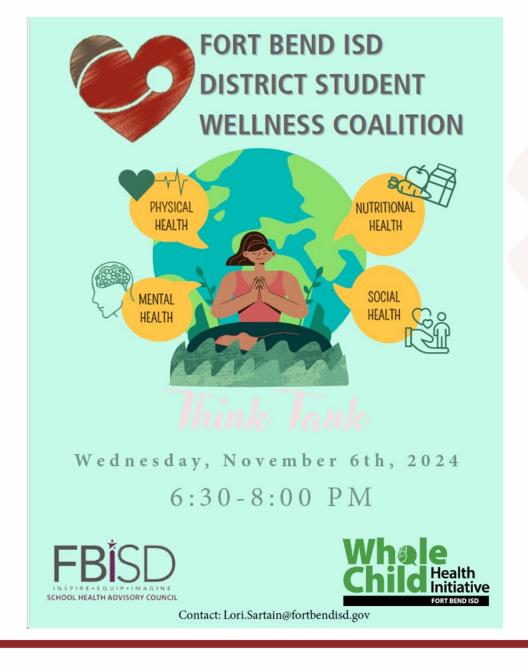




SHAC Mindful Moment



2024 FBISD Think Tank Information







Think Tank Information

- Overview/Program Intention:
- Campus Student Wellness Committees work to identify an issue or dilemma that their campus is facing in relation to student mental, physical, nutritional, or social health. Once students identify an issue/dilemma on their campus, COALITION and SWC will come up with a solution to help combat their campus' issue. The solution could be an event, a program, or a product that helps bring awareness to the issue. Students will present to a panel of stakeholders who will three winners of grant funds donated by the Fort Bend Education Foundation.





Think Tank Information

Proposal Success Criteria:

- Visual presentation 5 7 minutes presentation and 2-3 minutes for Q&A
- Memo that outlines everything in your presentation and may have more in-depth external research.
- All group members must contribute, participate, and speak during the presentation.
- Create a unique innovative idea think from all point-of-views "How might we..."





2024 FBISD Think Tank Winners

\$500 Winners \$400 Winners Bush High School **Dulles High School** \$250Winners Austin High School Ridge Point High School \$300 Winners \$150Winners Elkins High School Kempner High School Travis High School





THE SCIENCE OF TEEN SLEEP Aligning School Schedules with Biology

Dr. Jessica Meers

Licensed Clinical Psychologist

Diplomate of Behavioral Sleep Medicine



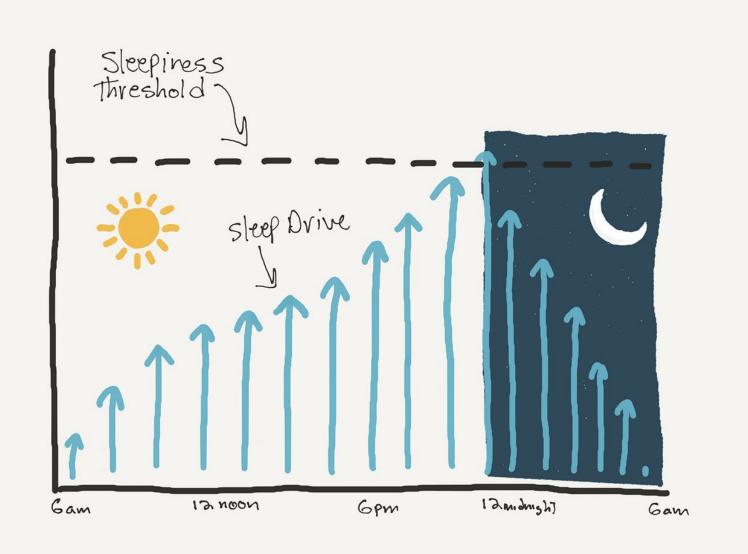
The word "teenager" is often associated with terms like laziness, rebellion, and moodiness.

Teens face a lot of unique challenges socially and emotionally.

What makes those challenges particularly difficult is the fact that they are <u>utterly exhausted</u>.



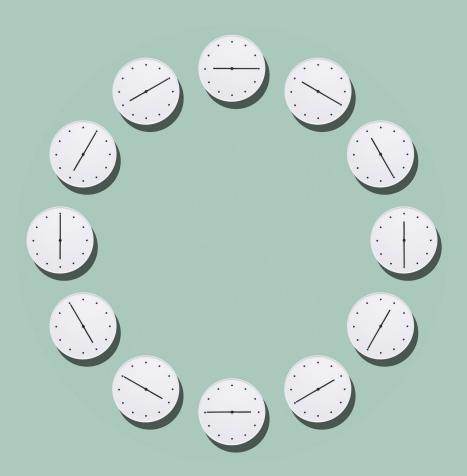








CIRCADIAN RHYTHM

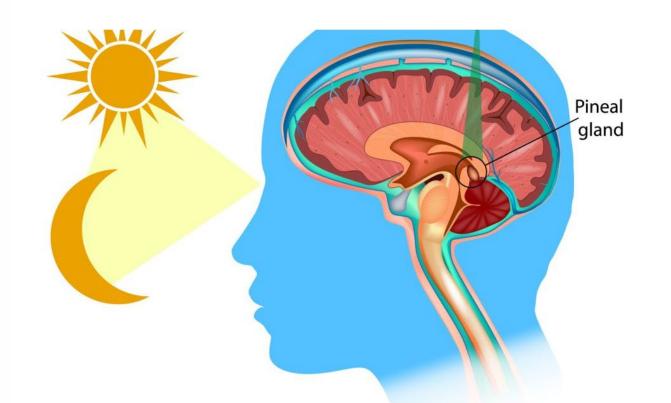


Our (roughly) 24-hour biological clock

RESPONSIBLE FOR:

- ✓ Sleep and wake patterns
- ✓ Appetite & digestion
- ✓ Body temperature
- √ Hormone release

MELATONIN

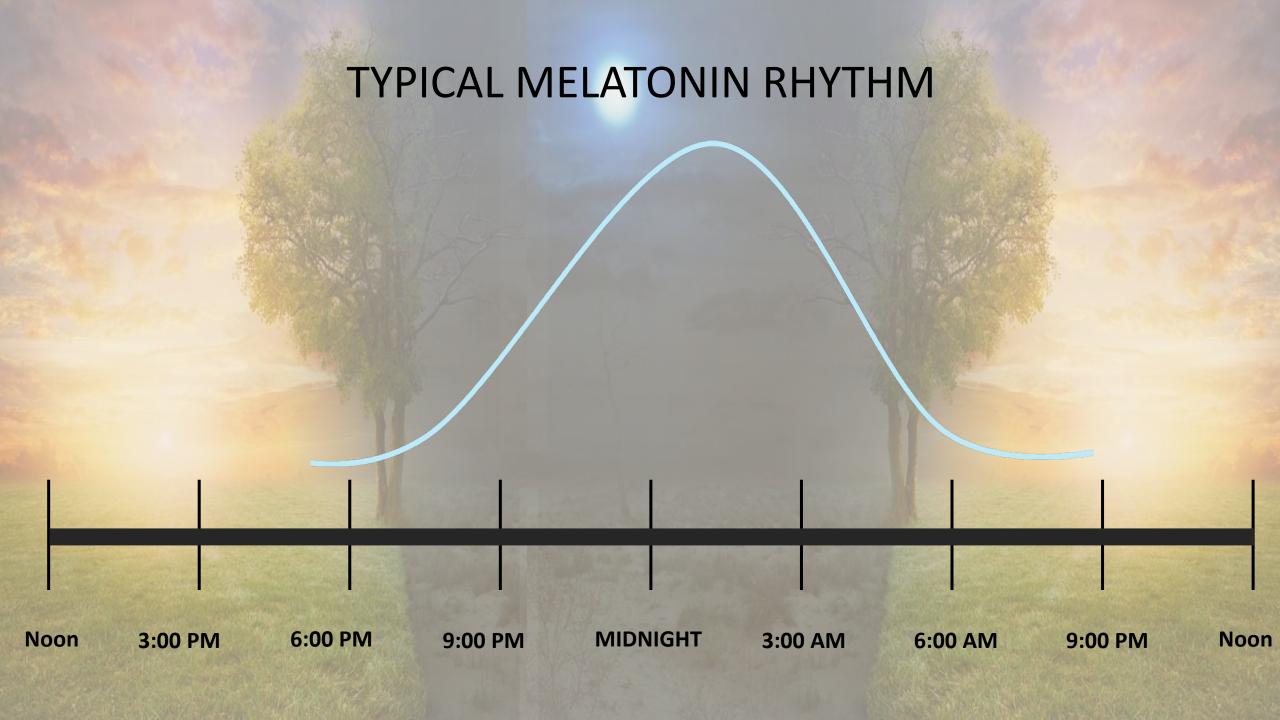


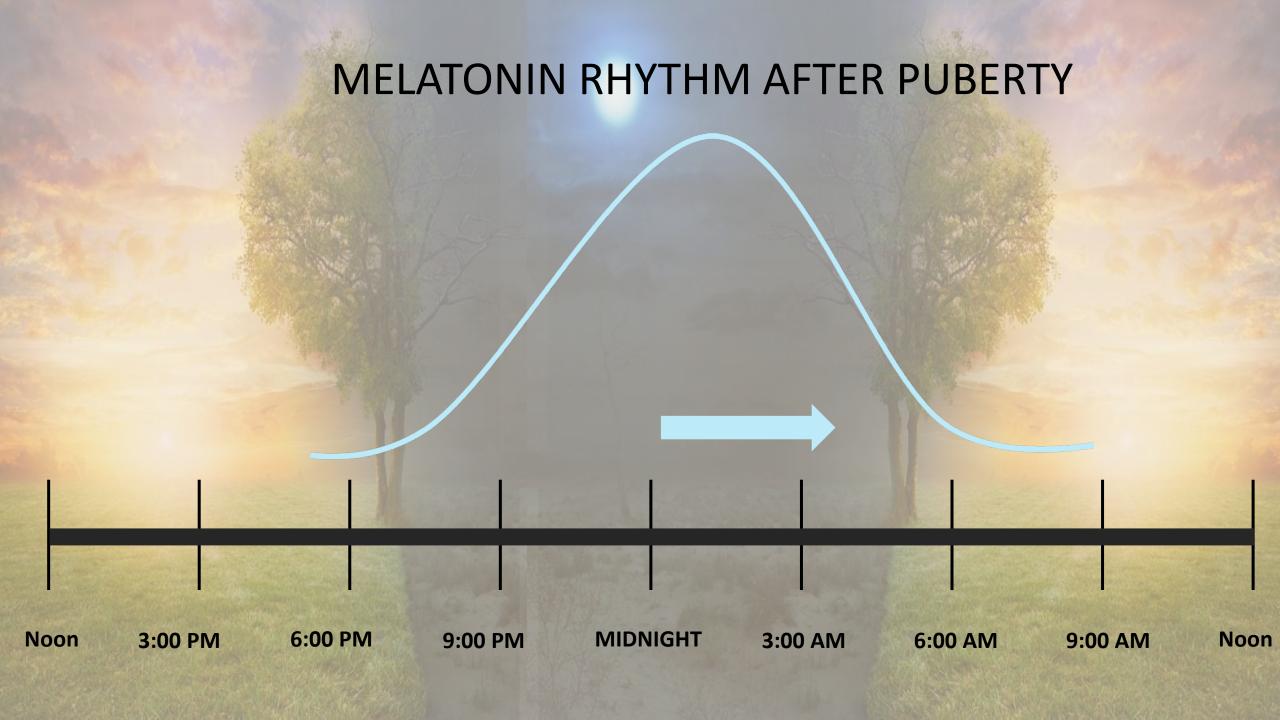
- ✓ Hormone naturally produced by the pineal gland in the brain
- ✓ Levels increase in response to darkness, promoting sleep

Melatonin helps to regulate the timing of sleep and wakefulness









WHAT DOES THIS MEAN?

✓ Teens are still within their "biological night" when school starts

✓ Difficulty falling asleep + early morning wake-ups = sleep deprived kids



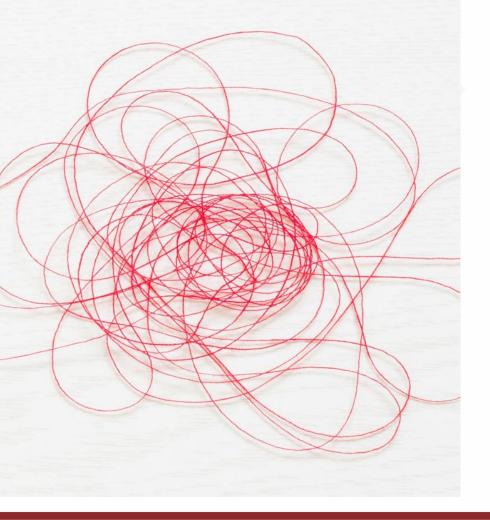
√ 75% of teens do not get less than the recommended 8-10 hours of sleep per night





WHY IS THIS A PROBLEM?

- ✓ Impaired academic functioning
 - Unable to sustain attention
 - Lower GPAs
- ✓ Emotional problems
 - Inability to control emotions (high reactivity, low mood)
 - Higher rates of anxiety and depression, exacerbation of ADHD
- ✓ Poor physical health
 - Obesity
- √ Safety concerns
 - Drowsy driving (motor vehicle accidents are the 2nd leading cause of death in adolescents)



HEALTHY HIGH SCHOOL START TIMES

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN*

AMERICAN MEDICAL ASSOCIATION

AMERICAN PSYCHOLOGICAL NATIONAL SLEEP FOUNDATION

STASN

National Association of School Nurses

Association of School Nurses

Myths, Misconceptions, and Strategies

+ •

Stephanie Ellis, Ph.D.
Psychologist, TX 34722
President, Fort Bend Psychological Association
Member, Texas Psychological Association

RESEARCH QUICK REVIEW



- Improves academic performance, especially for disadvantaged students
 - Higher standardized test scores, GPAs, college admissions tests scores, graduation rates, and attendance
- Improves physical health
 - Healthier body mass index & long term cardiovascular health, better dietary choices, more physical activity, lower caffeine consumption, & nicotine use
- Improves mental health
 - Lower rates of depression, hopelessness, and sadness; lower rates of suicidal thinking and planning; less anxiety, nervousness, worry, and test anxiety; improvements in mood & emotion regulation; better coping (e.g., less rumination and more problem solving); improvement in student-family interactions
- Improves safety
 - Less alcohol use, drug use, fewer car accidents (esp drowsy driving accidents), fewer other accidents & injuries, incl sports injuries, fewer risky behaviors, incl risky sex
- Improves behavior and delinquency
 - Improves classroom behavior, fewer suspensions, less physical aggression, fewer juvenile arrests

IN CASE IT ISN'T CLEAR, THIS IS A LIFE & DEATH ISSUE...

THE TOP THREE CAUSES OF DEATH FOR PEOPLE AGED 14-25 are ACCIDENTS (incl MVAs), SUICIDE, and HOMICIDE

Since 2018, when the district last considered this change and then decided it wasn't worth it, 42 teens died from a combination of MVAs (12), intentional self harm (11), and homicide/firearms (19). How are we feeling about the fact that all of those related to sleep deprivation?



Suicide

- Later HS start times decrease depression, hopelessness, suicidal ideation, and attempt (teens are 11% more likely to make a suicide attempt in early start districts compared to later start districts!)
- 22% of high school students seriously considered suicide last year

Homicide

- And I'm not saying "early HS start times cause school shootings."
- I'm saying we know that early HS start times increase depression, delinquency, violent crime, and impulsivity, while decreasing use of healthy coping skills and family relationships

Drowsy Driving

- Drivers aged 16-18 in FBC were involved in 3,171 accidents in the '21-22 school year, just Monday-Friday
- Teen drivers represent >25% of all drowsy driving accidents despite being <5% of total drivers.
- Drowsy driving is as likely to be fatal as drunk driving.
- If FBC had results like Teton County, WY did when they made the change, we could have prevented >2,220 accidents that year

PUTTING THIS IN CONTEXT...

- Having teens start their "work day" at 7:30am is approximately equivalent to having a 3:30am work start time for adults, who aren't allowed to go to sleep earlier
- Do you think parents would stand for it if the district decided to reduce the breakfast and lunch school portions by 25%, then reduce meal quality by 50%, and then not allow students to bring food to school, with a "you eat here or you don't eat at all" policy? Because that's what early start time is, except it impacts WAY more than physical health.
- Do you know that a lot of research on sleep deprivation in teens has to actually be done in the 18-22 year old group because research ethics boards will not allow scientists to deprive teens of sleep the amount we do every day, even with their parents' consent?
- Would you give your kid a beer and a shot of vodka before you put them in the car? OF COURSE NOT! But that's about how "drunk" they are from being sleep deprived (impairment at .05-.08 levels), by the end of the first week!



MYTHS & MISCONCEPTIONS

We are alone and have to figure this all out ourselves



- California's law was implemented in 2022.
- Connecticut, Florida, Indiana, Louisiana, New Mexico, and Utah have passed laws that will be fully implemented by 2026.
- Maryland, Massachusetts, New Jersey, Pennsylvania, Hawaii, Illinois, Maine, Nevada, New Hampshire, New York, Oregon, Washington, West Virginia, and TEXAS have legislation under consideration

Other districts in Texas with health start times ->

We know HOW to do this, we're not alone! So many other communities have already shown how the common concerns can be addressed.

Abilene	Del Valle	Greenwood	London	Patton Springs	Texas City
Alamo Heights	Denton	Hays	Los Fresnos	Pflugerville	Trophy Club
Aledo	Donna	Hillsboro	Lovejoy	Plano	Tulosa-Midway
Anthony	Drippings Springs	Houston	Lubbock-Cooper	Pleasant Grove	Tyler
Argyle	Eagle Mountain	Hurst-Euless-Bedford	Lumberton	Richardson	Uvalde
Austin	Eagle Pass	Hutto	Lytle	Rio Grande	Valley View
Bastrop	Eanes	Irving	Manor	Rockwall	Victoria
Boerne	East Central	Jarrell	Marion	Round Rock	Waco
Brooks	Ector	Judson	Melissa	Royse City	Warren
Brownsville	Edinburg	Judson	Mesquite	S. San Antonio	Wellington
Burleson	El Paso	Keller	Midland	San Elizario	West Oso
Calallen	Elgin	Killeen	Midlothian	San Saba	Wimberley
Canutillo	Floresville	Klondike	New Braunfels	Schertz-Cibolo- Universal Socorro South Texas	Winters
Clint	Forney	La Joya	North East		Woodville
Comal	Fort Worth	La Vernia	Northside		Wylie
Copperas Cove	Freer	Lake Dallas	Northside		Ysleta
Corpus	Friendswood	Lake Travis	Northwest	Southside	
Crowley	Frisco	Lake Worth	Odessa	Southwest	
Dallas	Grapevine-	Leander	Paris	Taylor Texarkana	
Deer Park	Colleyville	Little Elm			

MYTHS & MISCONCEPTIONS

- Teens are lazy.
 - Turns out, no. They're just mammals. They need more sleep (~9.25 hrs on avg, and there's that pesky adolescent sleep phase shift.)
- They're getting plenty of sleep.
 - NOPE. 87% of them aren't getting the sleep they need!
- They'll just stay up later.
 - They don't! Virtually every extra minute they get is spent asleep!
- They can make up for it on the weekends.
 - Actually, we're just giving them jet lag for the next Mon-Wed.
- We need to prepare them for the "real world."
 - Yes, but the real world doesn't start at 7:30. Plus, the real world is for adults with different biology. We disadvantage their real world success by depriving them of sleep now.

+

MYTHS & MISCONCEPTIONS DISTRICT SPECIAL CONSIDERATIONS

- Changing bus schedules is difficult and expensive.
 - Nope, there are several workable options, and FBISD already calculated that they would save \$1.5M by making the change.
- After school sports practices will be ruined.
 - Nah they can become before school practices, if they MUST. (And don't talk to me about showers...give them some body wipes. Give them body wipes after the PE we make them have, anyway.)
 - But they don't need to be many sports/activities, esp early in the year aren't allowed to be outside at 3p because of heat anyway, and it already works out to do them later.
 - Also, sleep deprived athletes are more likely to be injured.
- But scheduling UIL events will be ruined.
 - No, everything in-district changes together, and other districts in TX are already making the change.







MYTHS & MISCONCEPTIONS: PARENTS' SPECIAL CONSIDERATIONS

- I have to drop them off early anyway, and they'll just be delinquent then.
 - No, esp if we offer zero periods where they can have safe socialization, healthy breakfast opportunities, or supervised study hall.
- I need them to supervise my younger children after school.
 - FBISD elementary schools already have safe, affordable after school care. If teens are driving drowsy and most delinquent after school, are we sure we want them doing driving and supervision of the little ones, anyway?!
- Tiny babies will have to wait for the bus in the dark if we swap ES/HS times and that's very dangerous!
 - It's much more dangerous for 12-17yos 3x more likely to be in a ped-vehicle accident and 4x more likely to be abducted by a stranger.
 - Plus, parents tend to be very willing to hang out with young kids at the bus stop for safety, but not with teens (they must not know those last statistics!)
 - And we don't have to swap times.
- Parenting can fix this / More parents should be good parents like me.
 - Parents SHOULD keep devices out of bedrooms, provide adequate opportunities for physical exercise each day, have a regular family wake time even on weekend days, and help teens develop calming nighttime rituals.
 - Perfect parenting will reduce the damage by about half.
- My kid is fine.
 - 87% of teens are getting less than 9 hours of sleep. (So, 13% of them are.)
 - 71% of parents think their teens are getting enough sleep. (So, almost all of them are wrong.)
 - Maybe your kid is fine. Let them do their homework in the morning if they're already waking up cheerful and functional at 6am! Just be awesome and care about other people's kids, too.

-

MAYBE THE MOST IMPORTANT MYTH? I AND ALL OTHER ADULTS WILL HATE THIS.

- Probably not. Humans are notoriously bad predictors of their own behaviors and preferences. Luckily, we have research about how this actually turns out...
- In schools with later start times, 92% of parents and teachers preferred the later start time after its first year of implementation. This was despite previous concerns about busing, athletics, and childcare. Tell me ANY FBISD policy with 92% approval?!
 - (So, we don't really need to worry about getting them on board before making changes to protect our students! This isn't about library books... it's about health, safety, wellness, and graduation!)
- Also, teachers get more sleep (on avg, 23 min/night) and report functioning better during the day.
- And so do parents!

WAYS THIS CHANGE DIRECTLY **SUPPORTS** THE CORE BELIEFS & MISSION OF FBISD, AND PROFILE OF A GRADUATE



CORE BELIEFS AND COMMITMENTS

Core Belief 1: All students can reach their full potential.

Core Bellef 2: We believe student success is best achieved...

...through effective teachers that inspire learning. Commitment: Fort Bend ISD will recruit,

... in a supportive climate and safe environment.

... by empowered and effective leaders throughout the system

Commitment: Fort Bend ISD will provide and promote leadership development at all levels.

...in a well-functioning, high-performing community of learners. Commitment: Fort Bend ISD will be a collaborative afficial

92% of teachers are happy after starting HS later! That's GOOD for retention!

I won't mark this one, but I'm sure leadership development in FBISD includes data-driven decision making?

MISSION AND VISION

MISSION

Fort Bend ISD exists to inspire and all students to pursue futures beyond what they can imagine

Fort Bend ISD will graduate sudents who exhibit the auributes of the District's Profile of a Graduate

Efficient and effective learning only happen with adequate sleep.

PROFILE OF A GRADUATE

A Fort Bend ISD Graduate has a rigorous academic foundation, strong character, and is...



HS teachers

more sleep

start time -

2022)

on a delayed

Less stress &

More effective

(Wahlstrom et al.,

Grit, determination.

respect for others,

making healthy

learning in every subject

application of learning,

choices

interacting

appropriately,

compassion,

dependability, self-discipline,

Reducing bias,

collaborating with

others, curiosity, adaptability, academic

> preparation, and **EVEN VOTING** are harmed by

sleep deprivation

and improved with

creativity, courage,

problem solving.

ALSO function better with

equipped with skills for life

are literate and articulate; proficient with technology;



a servant leader.

Fort flend ISD graduales demonstrate and are accountable for their own action strive to bring out the best in others.



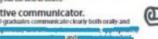
an effective communicator.

Fort Bend ISD graduates are votorial

Fort Hend ISD graduates communicate clearly both orally and

courage to actively challenge conventional methods in order

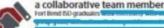
to improve themselves and the world around them.





a compassionate citizen. Fort Bend ISD graduates are

Not as many as you could!



a life-long learner. Fort Bend 5D graduates

to pursue and attain futures beyond what they can imagine

*Sorry. This single item actually might not be affected by high school start time?

DISTRICT GOALS



adequate sleep! that provides all students access to the FBISD curriculum.



District Goal 2 Fort Bend ISD will ensure

through the FBISD curriculum.



District Goal 3 Fort Bend ISD will provide an inclusive. collaborative, and fluid learning environment with opportunities for both risk-taking and success.



District Goal 4 Fort Bend ISD will develop literacy, language Collaborative

Community at every school.



District Goal 5 Fort Bend ISD will develop an organizational culture

START SCHOOL LATER: HELP TEENS THRIVE!

Maybe you'd like to sign and share the petition? (use the QR to the left!)

Ask the Board of Trustees to make this change!

Maybe you'd like to speak to the Board of Trustees about the issue? I'm happy to help you! (Monday, March 24)

Get this information out to parents, teachers, and administrators. They simply must not know, but you have an avenue to teach them!

I would be happy to come visit your school or event to talk to parents, teachers, or administration

startschoollaterFBISD@gmail.com



References & add'l info





High School Start Times

Historic Review

Why Do We Care?

- The AAP urges high schools and middle schools to aim for start times (8:30 am or later)
 - This allows students to get 8.5-9.5 hours of sleep to improve physical and mental health, safety (by preventing drowsy driving crashes), academic performance and quality of life.
 - Matches their circadian rhythm
- Other Districts are doing it
- It might save us money!







Other School Districts in Our Area

DISTRICT	ELEMENTARY	MIDDLE	HIGH
FBISD	8:05	8:50	7:30
KATY ISD	7:50/8:10	8:55	7:15
HISD	7:30	8:30	8:30
LCISD	7:15/7:45	9:05	8:25
BRAZORIA ISD	8:20	7:15	7:30
ALIEF ISD	7:55	8:40	7:10







We Have Been Here Before

FBISD School Health Advisory Council Meeting minutes Feb. 21, 2018

How change would have saved money
High school has the longest routes so those busses cannot be used
for any other routes—adds 30 additional routes which equals about
1.5 million—this would be savings if hs has latest start time
Elementary routes there are more and they are shorter so those
busses can be used for additional routes

Will this come up in the future? No decisions have been made yet still need to figure out solutions to the major obstacles

Is there a plan to address major obstacles now? District is working on a plan to address issues that came up as obstacles —long-term

How have other districts dealt with later start times/changes? engaged community and put out surveys -longer timeline would allow families to build a plan to adjust









2018 ANALYSIS

Pros

What are the advantages?

Cons

What are the disadvantages?

Potential increase in productivity of students and staff, less accidents

improvement in academic scores

anacatatiesf.

enacutalinaf

Longer lunch times Potential increase in

CND revenue

Improved attendance, less sleeping in class,

Some teams already practice in am, their practice will be later, so

anacatalinaf

More sleep may decrease student irritability and mental health issue, decrease bullying?

anacatulinat

they will benefit

Driving later, less traffic, decreased polution. schedule better follows driving when more awake

HS students may be able to run after school clubs (like running clubs or science clubs) to help with after school learning opportunities. Good way to improve academics, social skills, get recommendations for colleges or work.Create YES hours

anacatalinaf

Potential increase in productivity of students and staff, less accidents

anecatatinaf

Less bullying. Most crime happens between 2-4 in FB

anecatalinef

Getting parents to accept change

anacatalinaf

Kids out earlier, may need more capacity for after school care

anacatalinaf

Logistics with shuffling 600+ Child Nutrition employees who will want to keep the same hours . Will need a lot of

High school Kids in schools later, unable to work or take care of siblings if parents work

anocatalinat

Grab and go Logistic challenges

advance schedule

anacatalinuf

between end of school and games

mecatalinaf

Campus cafeteria not equipped for change

No time to eat, or study

Worried that practice will be later, go to bed later because of AP classes, won't be enough time in the day to get it all done

enacetaline

Sports Teams will have to consider changes. Facilities not adequate showers, lights?

anacatalinaf

SUGGESTIONS

in the high traffic points

Look at HS Double lunches, (CHS, BHS) 12:10 and 12:12-12:55.WHS has 2

Improve WiFi or easier workarounds to writing down ID # , money (walmart?)

Dedicate a Day of Caring to revamp cafeteria to better meet needs

anacatalinaf

Best Practices: Do Skits during lunch, Music during lunch (BHS best practice campus)

enacotalinof

Looking at big picture of kids in elemetary school, will eventually be in high school and have same issue. Trying to change the environment now to decrease issues in your child later. And only changing 15 minutes

anacatalinal

enacatalinaf

Consider guidelines in the event of severely cold weather? Provideresources for parents

anacatalinaf

buses, practice fields as well as facilities require a plan. Will it be of any help that HISD is changing times to match? Create a master plan to assist coaches in transition and look at facilities, create a best practice. Consider looking at how late practice is?

Scheduling of games,

students. anacatalinat

Consider looking at

block time to reduce

atheletes, or working

stress of student

schedules that allow for

alternative bell

anacatalinat

Look at implementing grab and go. Put kiosks

already doing this.11:27lunches but 30 minutes

nacatalinaf

anacatalinaf

High school students will not be on the road in the am morning rush. Identify and measure car accidents/ pedestrian accidents and tardiness

Has Anything Changed Since 2018?

- Hotter School Days
 - Starting earlier in the calendar year
 - Current Weather Patterns are forcing our sports to shift practice times
- Split Lunch Schedules
 - Most schools now have more than one lunch time
- **Bus Driver Shortages?**
- Preschools are now offered for most of the District













Survey Results

SCHOOL START TIMES 31 STUDENTS FROM THE WELLNESS COALITION

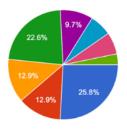
5 hours5.5 hours

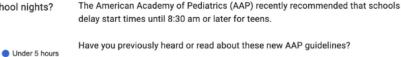
6 hours
6.5 hours
7 hours
7.5 hours
8 hours

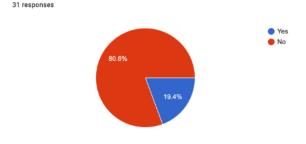
Before 7:00 am

7:30 – 7:59 am

On average, how many hours of sleep does your child get on school nights?

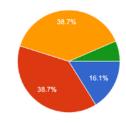






What time does your child's school day begin?

31 responses

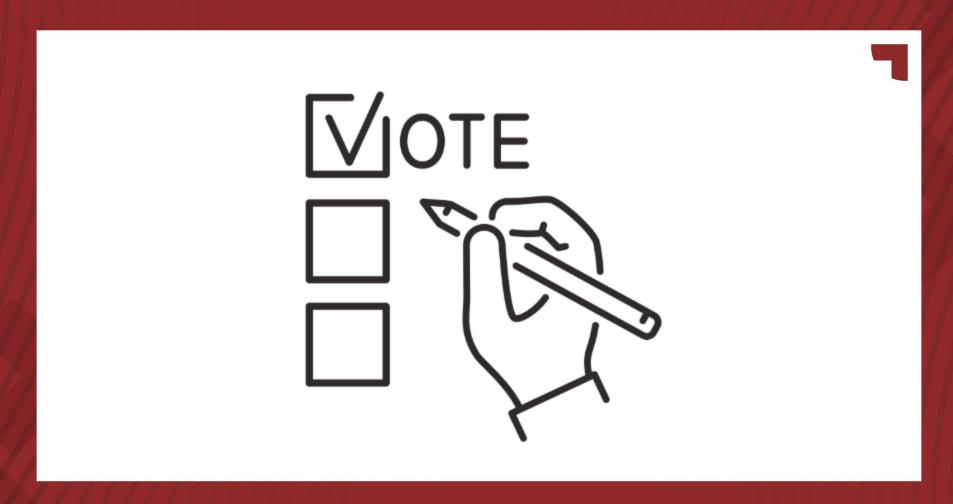


Concerns:

- change of routine
- HS picking up Elementary
- after school activity participation
- 39% start school before 7AM!
- 90% would support a change to start 8:30AM or later
- 90% thought they would be more likely to get more sleep
- 77% said it would not impact their ability to get a job
- 88% said it would impact their transportation plans



Meeting Minutes - Vote



Brain Break

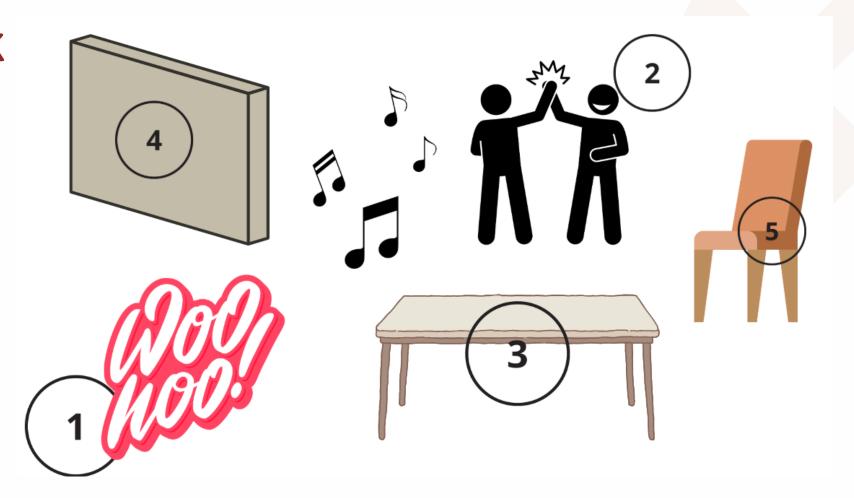
Movement: Walking Feet
When the music starts
complete each action
below then return to your
seat:

Touch

- 5 Chairs
- 4 Walls
- 3 Tables

Give

- 2 High Fives
- 1 Woo Hoo!



A brain break allows the brain time to reset and prepare for learning.

Physical activity increases blood flow to the brain that aids with focus and attention when returning to content.







Upcoming Events

FBISD Sound Bites

Spring 2025 Release Dates

Two-to-four-minute video and audio clips to educate students and parents about practical ways to improve your mental, physical, and social wellness.



February 26 Grief & Loss

This sound bite offers guidance for students and parents coping with grief and loss, emphasizing the importance of open communication and seeking support from trusted individuals.



March 26 Healthy Relationships

This sound bite offers advice to students and parents on fostering healthy relationships, emphasizing the importance of mutual respect and open communication.



Scan for more resources



#YouAreNotAlone



MARCH 2025

WATCH Week 3/3-3/7

National School Breakfast Week 3/3-3/7

National Social Work Week 3/2-3/8

World Behavior Analysis Day - 3/20

National Drug Facts Week 3/17-3/23

National Nutrition Month









Closed Session

Subcommittees convene – discuss school start times.





SHAC WANTS TO KNOW WHAT YOU THINK ABOUT...



SCHOOL START TIMES