



Central Academy of Technology & Arts

Cougar Chronicle

Volume 9

Issue 5

August 19, 2021



Dear CATA Family,

CATA PTSO information can be found on page 4. The Seniors Sunrise Celebration and Parking Spot Painting information are on Page 6. Information on Senior Shirts and Signs are on page 7. New Family Information is on page 10.

The annual PTSO **Invest In Excellence Campaign** is underway: This campaign is a simple, one-time straightforward way for individuals and businesses to invest in the excellence of CATA. 100% of the money donated is invested in CATA. You are making an investment in your child's future. The campaign runs year-round. **Invest in Excellence donation includes PTSO Membership. Please see page 5 for details and the giving form.**

Student Schedules PowerSchool is open for the students to log in and see their schedules. There is detailed information about schedules on **page 3. Schedule Corrections:** The **Schedule Correction** form will be open from **August 23 to August 27. [Click here for the form](#)**

School starts on Monday, August 23! Students should arrive by 8:55 am to make the first bell of the day that signals students to move to their first class. On Monday and Tuesday, students will report to their Advisories (homerooms) first. Lists will be posted in the hall. Our **bell schedule** for this year is the same as last year. Our school time is from 9:05-3:45. Please [click here](#) for the bell schedule or go to **page 10. Please do not start dropping off students until 8:40 AM**

Spirit Wear: The CATA Band Boosters well all of our Spirit Wear. Go to the link for long and short sleeve shirts, tank tops, polo shirts, caps, visors, masks, stadium seats, lanyards, hoodies, sweatshirts, shorts, and joggers. [Click here](#) to purchase.

Athletic Passes are on sale: [Click HERE](#) to purchase. **Student Pass** – Good All Year – **All Sports** - \$40.00, **Parent Pass** – Good All Year – **All Sports** - \$100.00, **Season Pass** (Fall/Winter/Spring) – **Parents** - \$50.00

Bus Transportation Information was mailed out this week. Parents should email [Ms. Tweed](#) if they did not sign up for, but need bus transportation. Bus riders and parents should sign up for the Here Comes the Bus App. This app allows you to view the real-time location of your child's school bus on your smartphone, tablet or computer. Be sure that your child is at their bus stop at least 20 minutes before the scheduled arrival time. [Bus App Letter English](#) [Bus App Letter Spanish](#)

Breakfast and Lunch: All breakfast and lunch meals are free to students this year! Students can purchase ala carte items if they would like. This includes premium chicken items, cookies, chips, sodas and water. To add money to their student's account they can visit [k12paymentcenter.com](#)

Parking Passes– are now being sold on a first come first served basis. After we run out of spots, then students will be put on a waiting list. The process for purchasing parking passes will be on the online platform "**FamilyID**" An account has to be created if you do not already have one. Parking passes MAY NOT be purchased by any student who owes outstanding fees. After completion of the application, CATA will review your submission. The student will then receive a spot number and a link to pay for the pass once the application has been approved via the email provided in the registration form. Passes are \$45. Link for the application: <https://bit.ly/3s9faWh>
Link for the parking spot map: <https://bit.ly/3xFlsOK>; Link for the Senior Paint Approval Form and Instructions: <https://bit.ly/37AtYUy> .

MORE INFORMATION ON PAGE 2.....

More Important Information from Page 1

Attendance and Absence Notes: Absence notes must be emailed and/or scanned to [Mr. William Smith](#) our data manager upon the student's return to school in order for the absence to be considered excused. Absences will be coded unexcused in PowerSchool until an email excuse is received. Please allow 24 hours for excusal notes to be coded in PowerSchool. Students may fail if they have 8 or more unexcused absences per class. Attendance is taken each class period. Students will have a chance to recover up to three unexcused absences per class. Parents will receive notification upon the 3rd, 6th, and 8th unexcused absence.

Early Dismissal: If a student driver needs to be dismissed early from school, a parent note must be emailed to Mrs. Kimberly Black, our front office secretary and William Smith, our data manager prior to the start of the school day in order for the student to receive an early dismissal pass. The emailed parent note must contain the date, student's full name, the time that the student needs to be dismissed from school and the parent's phone number. Any student being picked up early from school by someone other than a parent, must follow the same protocol stated above while giving permission for someone else to pick up the student. Email the note to Mrs. Kimberly Black and Mr. William Smith. In the event that a parent does not email a note, the parent must call the school to speak to someone in the front office.

CATA Student Handbook Link: Information about attendance, tardy policy, leaving school early, the dress code, and more. [Click here](#)

AP Summer Assignments and reading: Please click [here](#) to for a list of the assignments

Seniors and Senior Parents, Class of 2022 Information about your senior portraits: Seniors, it's time to get your senior portraits and yearbook photo taken! Go online to cady.com/book22 to schedule your session! CADY has a studio at Crown Point Plaza in Matthews where your photos are taken. Every senior needs to get a picture taken with CADY so they will be in the yearbook. **Please see detailed information on page 9 about Class of 2022 Senior Portraits.**

Seniors and Senior Parents: Attention Seniors - **Senior T-Shirts, Yard Signs and Event Passes** are now available to order by clicking [here](#). This is a great way to show your CATA Senior Spirit and enjoy special treats throughout the year. If you have any questions, please reach out to PTSO (catacougarcouncil@gmail.com). **An order form is in this edition on page 7.**

Summer Read: CATA supports reading! The CATA community – staff and students – are reading this summer. The goal for the summer reading program is for students to have a pleasurable and positive summer reading experience. Learning to read texts without structured assignments and being able to communicate and make connections with others about the reading is an essential skill. **All incoming ninth grade students and new sophomore students will read: "A Separate Peace" by John Knowles.** When students return in the fall during Cougar Time, in small groups, students will have the opportunity to make connections with a teacher and their grade level peers. The CATA Summer Read is an annual tradition and each spring faculty pitch books and students get to pick their top three. Each student is eventually paired up with one of their book preferences (we usually have about 18-20 different books being read) and everyone gets to read and share. Next spring your student will get this same opportunity! **All returning 10-12 graders [click here](#) to see which book you chose to read.**

Open House: This is scheduled for Tuesday, September 7 from 6-8 PM. More details will be given once we have further information about how this will look. **Student Life Organizations and Clubs:** We will have a Student Life Fair the Second week of school.

Athletics: Check out the CATA Sports page in this edition on page 8 or go to our athletics website by [clicking here](#). Please contact our athletic director if you have questions: [Rachael Petre](#). **Cougar Mascot** - The Cheerleaders are looking for a student to be our Cougar Mascot. Email our Athletic Director for more info: rachael.petre@ucps.k12.nc.us. **Tickets:** Tickets for all CATA Home Athletics can be purchased [HERE](#).

Please take time to read over this newsletter. The Cougar Chronicle, in addition to our website, will be the main form of communication from school to home.

Go Cougars! Ms. Merritt



College and Career Corner

Class Information from the Counseling Department

[Counseling Twitter @CATA_Counseling](#)
[Counseling Instagram @CATA.counseling](#)

[Please click here for all information from our Counseling Department](#)

[Click here to sign up for CATA College Visits](#)

[Scholarship Spotlight– Click HERE SCHOLARSHIP PAGE](#)

[Please click here for all information from our Counseling Department](#)

[CATA Counseling Canvas Page– Click HERE](#)

Student Schedules/Schedule Corrections

Freshmen and new 10th graders will receive a copy of their schedule at orientation on August 17. All students in 9th-12th grade were given access to their schedule in Power School on August 16.

Students will either receive the classes they selected during registration last Spring or students will see **“Please See Counselor”** in their schedule. We will not randomly give 10th-12th grade students classes they did not register for; therefore, we enter **“Please See Counselor”** as a placeholder in the event a class did not make or there is a conflict that needs to be discussed with the student. If a student has **“Please See Counselor”** in their schedule, they will have the opportunity to meet with their counselor in-person on **August 19 and August 20 from 12:00pm – 3:30pm.**

—If a student does not have **“Please See Counselor”** in their schedule then the student received the courses they selected during registration in the Spring. Students who do not have **“Please See Counselor”** in their schedule but would like to request a correction to their schedule for a valid specified reason will have the opportunity to do so during the **Schedule Correction** process.

—The **Schedule Correction** form will be open from **August 23 to August 27.** [Click here for the form](#)

Senior Night

The Counseling Department will host **Senior Night** on **September 7 at 7:00pm in the auditorium** (directly after Open House). This event is for all seniors and their families. Attendance is strongly encouraged as counselors will review important information about senior year. Topics will include college applications, scholarships/financial aid, Scoir, transcripts, letters of recommendation, and more.

After senior night, throughout the month of September, counselors will meet individually with every senior to discuss their senior year and post-high school plans. Seniors will receive information during senior night that will be important for their individual counselor meetings. Again, attendance is strongly encouraged. Please contact your assigned counselor with any questions. We will have limited space and senior families will need to sign up. We will send out a link to sign up later in August.

CATA Counseling Department

A high school guidance department can help your student with a LOT during high school—counseling during a problem/or stress, college planning, career/college questions, interview skills, problem solving with classes/teachers, friendship/social issues. Counselors also help with scheduling and what courses to take. Counselors are available to answer parent questions as well.

Please see the list of counselors by academy:

[Ashley Cole](#) : Pre-Engineering and Performing Arts (theatre & dance) & Guidance Department Chairperson

[Sarah Goodwin](#): Information Systems (Cyber Security, Computer Engineering, Software & Game Design) and Music Production & Re-cording Arts

[Stephanie Graham](#): Medical Science, Transportation (Auto Technology & Collision Repair)



Cougar Council PTISO

Hello and **Welcome** CATA Families!

The 2021-2022 school year is here, and we are SO excited to see what this year brings. Your CATA PTISO has been hard at work welcoming our new staff and teachers, meeting new families, and getting plans together for the year ahead. None of this could be done without your support.

As Ms. Merritt has shared with you, we streamline all our fundraising efforts into our **Invest in Excellence campaign**. This is our simple, one-time straightforward way for individuals, families, and businesses to invest in the excellence of CATA. 100% of the money donated is invested in CATA.

Below you will find the link to the **Invest in Excellence** page on our website and the flyer is included in the Chronicle. For your convenience, we have 2 easy ways to pay. You can pay with your credit card online or you can print out the flyer and send in a check. Remember, just like last year, your Invest in Excellence donation includes your PTISO Membership! But don't worry, you also have the opportunity to purchase the PTISO Membership separately if you wish – we want EVERY family to be part of the PTISO this year.

[Invest in Excellence HERE](#)– CLICK

Want to get more involved? When you fill out the online form or send in the flyer, we also have an opportunity for you to tell us how you'd like to volunteer. As we have programs, projects, or events where we need help, this will be the first list we reach to.

We are always open to new ideas and know each family at CATA makes a difference. Please feel free to reach out at any time – we'd love to hear from you, our email is catacougarcouncil@gmail.com.

We truly are wishing all our students and family an amazing year!

CATA PTISO

Website: www.cataptso.org

Facebook: @catacougarcouncil

Twitter: @CATA_ptso

Email: catacougarcouncil@gmail.com



Invest in Excellence PTSO Fundraising Campaign



CATA Invest in Excellence & Parent Teacher Student Organization (PTSO) Membership



Dear Parents and Students - We welcome you to Central Academy of Technology & Arts! Although students come from every corner of the county, we work hard to create a family atmosphere at CATA and we need your help. Please join the CATA PTSO, consider donating to our Invest in Excellence campaign and look to volunteer with one of our committees.

1. **The Cougar Council, PTSO** is responsible for many activities at CATA. In past years we have sponsored events which support all members of our CATA family. We look forward to your membership and support.
 - Teacher and Staff Appreciation Events
 - Student Academic Achievement and Activities

2. **Invest in Excellence at CATA** campaign is a simple, one-time straightforward way for individuals and businesses to invest in the excellence of CATA. 100% of the money donated is invested in CATA. You are making an investment in your child's future. The campaign runs year-round. **Invest in Excellence donation includes PTSO Membership.**
 - School wide and academy specific needs for students, teachers and classrooms
 - Past funds have included: Improved Signage on Campus, Privacy Window Wraps for Classrooms, Broadcasting Room Equipment, Science Lab Materials, Dance Floor
 - One-time 100% donation with all funds going directly to the school.

PLEASE FILL OUT THIS FORM AND RETURN TO THE FRONT OFFICE OR VISIT www.cataptso.org TO PROCESS ONLINE

Parent or Guardian Name: _____

Student Name (s): _____

Grade Level (s): _____ Academy: _____

E-Mail Address: _____

Home Phone: _____ Cell Phone: _____

Check here to be automatically linked to Harris Teeter VIC card Together in Education program

Yes, I want to Invest in Excellence at CATA (includes PTSO Membership)

• \$25 • \$75 • Other _____
 • \$50 • \$100 • Corporate Matching Available

No, I cannot participate in Invest in Excellence but would like to join CATA Cougar Council PTSO \$10

Yes, I would like to volunteer, please check the committee or activity in which you are interested in helping:

Beautification Scholarship/Grants Fundraising Hospitality
 Membership Senior Committee Performing Arts

PAYMENT: \$ _____ Check # _____ Pay Online

PAYMENTS online at www.cataptso.org (3% convenience fee will be applied) OR Make Checks Payable to CATA PTSO

Questions on Invest Donation, Corporate Matching or PTSO Membership? Email us at catacougarcouncil@gmail.com.



SENIORS CLASS OF 2022

Please [click here](#) for this year's procedures and application form to **paint your Senior parking spot**. All information is in this document. Email josh.wall@ucps.k12.nc.us for approval

Senior Sunrise & Parking Spot Paint Party! (Friday Aug 20th)

Attend one or both of the activities!

SENIOR SUNRISE (6:30am)

- Seniors are invited to gather in the Student Parking Lot at 6:30 am to watch the sunrise
- After sunrise, light refreshments will be available
- Seniors are welcome to mingle and enjoy time with friends until it's time to paint the parking spots

Paint Your Parking Spot & Ice Cream Truck (when it gets light out)

- Seniors who purchased signs & t-shirts can pickup from 8:30-11am
- Bring your paint, brushes and any family members that want to help paint your parking spot
- Ice Cream Truck will arrive at 10:30. Ice cream will be free to Senior Passholders and others may purchase items
- Music, contests and fun!

**Don't miss this opportunity
to make special Senior Memories!**





CLASS OF '22 ORDERS



CATA CLASS OF 2022 Senior Package Order Form

Your PTSO is offering senior t-shirts, yard signs, and the Senior Events Committee has planned BONUS activities to make this year full of special memories for the Class of 2022. These BONUS activities will be available to Senior Event Pass Holders only! We are offering all senior items separately or bundled with a discount for your convenience.

PACKAGE PRICING:

Senior Items	Maroon	Navy
Senior Event Pass		✓
PTSO Membership	✓	✓
Senior Class T-Shirt	✓	✓
CATA Senior Yard Sign	✓	✓
PACKAGE PRICING	\$ 30	\$ 60

ORDER FORM:

PLEASE ORDER ONLINE AT WWW.CATAPTSO.ORG OR FILL OUT THE INFORMATION BELOW AND RETURN THIS FORM WITH YOUR PAYMENT TO THE FRONT OFFICE OR THE DEN/MEDIA CENTER.

PACKAGE	AMOUNT	QUANTITY	TOTAL
Maroon	\$30		\$
Navy	\$60		\$
Purchase Indi or Add-on to Package Above			
Senior Class Shirt	\$15		\$
CATA Senior Yard Sign	\$20		\$
Senior Event Pass	\$30		\$
TOTAL PAYMENT:			\$

SENIOR EVENT PASS

Don't miss out on the fun!

BONUS activities will be available to SENIOR PASS HOLDERS ONLY! These events may include:

- Ice Cream Social
- Parking Space Paint Party
- Bowling
- Drive-In Movie
- Many more surprise events during and after school!

SENIOR SHIRT

FRONT

BACK

SENIOR YARD SIGN

— HOME OF A —

**ORDERS PLACED BY JULY 16TH
WILL BE AVAILABLE FOR PICKUP
AT OUR 1ST SENIOR EVENT**

2022 Senior Name: _____

Student PERSONAL Email: _____

Parent Name: _____ Parent Email: _____

Parent Cell Phone: _____ T-Shirt Size (if ordering above): _____

Package Type: _____ Payment: \$ _____ Online Cash Check # _____



COUGAR ATHLETICS

If you have questions about athletics or want to volunteer to help with athletics, please send an email to Athletic Director, Coach [Rachael Petre](mailto:rachael.petre@ucps.k12.nc.us).

Make sure to follow all of CATA's athletic teams on Twitter: [@CATA_Athletics](https://twitter.com/CATA_Athletics)

Athletics website: <https://www.ucpsathletics.com/centralacademy>

Upcoming Events:

Friday, August 20: HOME - Soccer vs. Olympic 4:30 / 6:00 PM

Tuesday, August 24: HOME - Soccer vs. Piedmont 5:30PM; HOME - Volleyball vs. Piedmont 4:00PM; HOME - Tennis vs. Piedmont 4:00PM

Thursday, August 26: HOME - Tennis vs. Corivan 4:00PM; AWAY- Soccer @Queen's Grant 5:00PM HOME - JV Football vs. Page Central 6:30PM

Friday, August 27: AWAY- Tennis @Butler 4:00PM; AWAY- Volleyball @Carolina Courts vs. Queens Grant 4:00PM

News & Information

Physicals: The newest NCHSAA [physical form](#). for the 2021-2022 school year is on our athletics website under forms.

FAMILY ID: If you plan to participate in Athletics during the 2021-2022 school year, then you need to register with Family ID. You only have to register once and you are good for the entire school year. Same email & password as last year, if you are new to CATA you will need to create a new account. The link to the CATA Family ID page can be found under FORMS on the CATA Athletics Website [HERE](#).

Cougar Mascot - The Cheerleaders are looking for a student to be our Cougar Mascot. Email our Athletic Director for more info: rachael.petre@ucps.k12.nc.us.

Tickets: Tickets for all CATA Home Athletics can be purchased [HERE](#).

Season Sports Passes - Go to [CATA Athletics Website](#) for Season Pass Information. Student All Sports Pass - \$40
Parent All Sports Pass - \$100, Parent Fall Sports Pass - \$50, Parent Winter Season Pass - \$50, Parent Spring Season Pass - \$50

Fall Contact Information:

Cheerleading - Victoria Zeiher – victoria.zeiher@gmail.com

Cross Country - Kim Inuwa – kimberly.inuwa@ucps.k12.nc.us

Football – Shane Griffin- shane.griffin@ucps.k12.nc.us

Men's Soccer - Jay Niessner – jay.niessner@ucps.k12.nc.us

Volleyball - Stephanie Peacock – Stephanie.peacock@ucps.k12.nc.us

Women's Golf - Nelson Rowell – nelson.rowell@ucps.k12.nc.us

Women's Tennis - Terry Lewis – soldbyterrylewis@gmail.com

Winter Contact Information:

Cheerleading – Victoria Zeiher – victoria.zeiher@gmail.com

Indoor Track & Field – Kim Inuwa – kimberly.inuwa@ucps.k12.nc.us

Women's Basketball – – Dwight Miller- dwrightmlr57@gmail.com

Men's Basketball – – Marcus Winne- [gan- mwinnegan86@gmail.com](mailto:mwinnegan86@gmail.com)

Swimming – Sally Goodwin – sarah.goodwin@ucps.k12.nc.us

Wrestling – Mike Jacobus – mike.jacobus@ucps.k12.nc.us

Spring Contact Information:

Baseball – TBD

Men's Golf – Mike Jacobus – mike.jacobus@ucps.k12.nc.us

Men's Tennis – Terry Lewis – soldbyterrylewis@gmail.com

Softball – Aaron Hammers – aaron.hammers@ucps.k12.nc.us

Track & Field – Kim Inuwa – kimberly.inuwa@ucps.k12.nc.us

Women's Soccer – Jay Niessner – jay.niessner@ucps.k12.nc.us



Senior Portraits

It is now time to schedule your senior portraits through CADY. You must have your portrait taken by CADY to be in our yearbook.

1. CADY has a studio at Crown Point Plaza in Matthews.
2. When you go to the website, search for Central Academy, pick an additional scene, and then click continue.
3. On the next page you will see prices for session (sitting) fees. If you want the basic \$30 option then scroll to the bottom of the page and select simple session.
4. Your session fee (sitting fee) is the fee you are paying for the photographers to take your picture and there are a lot of different priced options with multiple locations, dedicated photographers, makeup artists, etc. This fee DOES NOT pay for any of the photos that you might want. You will have to purchase your photos after you receive your proofs.
5. Make sure to remove any pre-checked items you do not want such as double proofs, retouching, etc.
6. Select your date and time, create an account, and pay the sitting fee.
7. Show up for your appointment date and time you selected to get your pictures taken.
8. After your pictures are taken you'll receive a portfolio in the mail. Keep anything you'd like to purchase and return everything else in the enclosed postage-paid envelope.
9. Remember, we want 100% of our seniors represented in this book but we can't do it without you.
10. Yearbook and senior tribute orders can be placed once school starts in the fall. The yearbook is always at its lowest price the first week of school so order early to get the best deal!

If you have questions about senior pictures, please contact CADY Studios. If you have questions about other issues, contact Ms. Christensen at deb.christensen@ucps.k12.nc.us.

Jostens Class Rings August Offer

CADY IT'S TIME TO SCHEDULE YOUR **SENIOR PORTRAITS**



DON'T GET LEFT OUT OF YOUR SENIOR YEARBOOK!
 SCHEDULE YOUR SESSION ONLINE TODAY AT
CADY.COM/BOOK22



JOSTENS BACK TO SCHOOL OFFER!

TAKE ADVANTAGE OF OFFER BEFORE SCHOOL STARTS!
 Use this offer and save \$ 20.00 off the price of your ring NOW!
 Use this offer from August 1st to August 31st
 This offer is for rings ordered online only @ Jostens.com

OFFER CODE
 Ring20

RING20 - \$20.00 OFF A HIGH SCHOOL CLASS JEWELRY ORDER

Add a qualifying, existing high school jewelry item to your shopping cart. Enter offer code RING20 at checkout for order shipping within the US. Discount will automatically be deducted for eligible orders on the applicable product only after offer code is applied. Valid only during the order day period (express after order day or any scheduled add order day within two weeks of order day). Offer subject to adjustment due to returns, cancellations, and exchanges. EXCLUDES previous purchases, Tradewinds, Sarah Chloe | Jostens Collection, Legacy Signet (R68 & R46), and Basic Option rings (P11, P12, P31 and P32). Offer not available in select schools in LA, TX or AK and does not apply to any products in your cart. Discount will not be applied to taxes, applicable shipping handling and other fees. Offer valid online only at www.jostens.com. Not valid with any other offers. Limit one promo code per offer. Not valid for cash or cash equivalent. For orders outside the US, additional taxes and duties may apply. Offer may be modified or discontinued at any time without notice.

THE CLASS BAND

Questions: 910-895-8471



Information for New CATA Families

- School day hours: 9:05-3:45 (Class starts at 9:05, students should all **arrive by 8:55** when the first bell rings to move to class.) If you are dropping your student off by car, you should arrive between 8:40—8:55 to ensure that your child can get to class on time.
- Lunches are determined by the 3rd block teacher. We will inform students of their lunch time on the first day of school.
- Upon arrival on the first day of school, all students will report to Advisory first. Advisory assignments will be posted at the front of the school.
- Set uniforms are not required for PE classes, but a dress code is strictly enforced. This will be discussed during the first day of class. Sneakers, athletic shorts, and t-shirt are required every day.
- Lockers are not required, but you may rent a locker for \$5.00. **PE Lockers are required.** Your PE teacher will provide information. NO students may leave their belongings out in the PE locker room—ALL belongings must be secured with a school-issued lock. Students will be charged for missing locks.
- Supply lists will be posted on Teacher's Public Canvas pages on Thursday 8/19.
- Attendance is taken during each class, and it is vital that you are present at school every day for every class. If you must make doctor appointments during the school day, be sure to do so at different times of the day so you do not miss too many days in one class.
- Attendance matters for participation in extracurricular activities, credit for courses, and affects eligibility for sports. **Students too sick to come to school may not be on school grounds for extracurricular events that day.** Absence notes MUST be turned in or emailed within three days of an absence to [Mr. William Smith](#).
- Every teacher will have a web page (on Canvas) for students and parents to access with course information.
- All students will receive a student login/password to the Parent Portal so that they can see their grades. This will become active on Monday, September 6.
- Students are expected to check their school email account daily as both teachers and administration use this to communicate with students.
- Please take the time to read or browse the Cougar Chronicle each week. All important school information is in the newsletter.

Bell Schedule

1st Period: 9:05 - 10:35
2nd Period: 10:40 - 12:10
3rd Period: 12:15-2:10
A Lunch: 12:10 to 12:35
B Lunch: 12:42 to 1:07
C Lunch: 1:14 to 1:39
D Lunch: 1:46 to 2:10
4th Period: 2:15 to 3:45