Instructional Agenda ~ Week of Jan.8 - Jan.12

Baylor College of Medicine Academy @Ryan

2610 Elgin St. ~ Houston, TX. 77004 ~ 713-942-1932

www.houstonisd.org/academyatryan



Sent home to Parents on:

 Progress Report 1 - 9/21/17
 Report Card 1 - 10/13/17

 Progress Report 2 - 10/27/17
 Report Card 2 - 11/17/17

 Progress Report 3 - 12/7/17
 Report Card 3 - 1/12/18

 Progress Report 4 - 1/26/18
 Report Card 4 - 2/23/18

 Progress Report 5 - 3/9/18
 Report Card 5 - 4/13/18

 Progress Report 6 - 4/27/17
 Report Card 6 - 6/1/18

BCMA's National Junior Honor Society is currently

reviewing semester averages and preparing to send out notifications to prospective members. If eligible, students will be notified on or by Friday, February 2nd. If your student has no more than 2 B's as his/her semester averages, he/she is eligible. Please check in with your student on the 2nd to make sure that he/she receives the invitation. If you have any questions, contact Ms. Davis via email at cdavis39@houstonisd.org.

GT Testing - by Grade Level

Iowa Testing Dates: Total Math & Total Reading

6th Grade: Tuesday, January 9, 2018 7th Grade: Wednesday, January 10, 2018 8th Grade: Thursday, January 11, 2018 Testing will Begin at 9:00 AM

<u>Estimated</u> Completion Times: 225 Minutes or 3 Hours and 45 Minutes

<u>CogAT Assessment:</u> <u>Full Assessment</u>

6th Grade: Tuesday, January 9, 2016 7th Grade: Wednesday, January 10, 2016 8th Grade: Thursday, January 11, 2016

Testing will Begin Post-Iowa Testing and Lunch

Estimated Completion Time: 2 1-Hour Sessions or 2 Hours

Make Up Testing Date:

All Grades Friday, January 12, 2018





Upcoming Events

JANUARY 2018

- 15 MLK HOLIDAY
- 18 PTO General Assembly (8:30-9:30)

26 Donuts with Dads Event (7:45 – 8:15)

SATURDAY TUTORIALS

1st session: Jan. 20th (More info. on pg. 3)

Important Announcements

See information in this IA regarding:

- National Junior Honor Society
- GT Testing
- Report Cards sent home Friday
- DUKE TIP
- SCIENCE FAIR





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Begin at 9:00 AM CogAT Testing: Friday, January 12, 2018 Begin Post-Iowa Testing and Lunch

Saturdays with Scientists

BCMA@Ryan students can get feedback on their science fair projects from REAL scientists both in the Medical Center and at school on weekends. On several upcoming Saturdays students can bring their science research projects to get advice and guidance from professionals at Baylor College of Medicine. The upcoming dates and times are for sessions at Baylor College of Medicine, 2450 Holcombe Blvd: November 4, December 2 and January 27 from 8-10am. The January session is for those advancing to SEFH city wide competition.

There will also be opportunities to get advice at BCMA@Ryan on **November 11** from <u>8-10am</u> and **Thursday**, **November 15**, from <u>4:15-5:15pm</u>. Parents and guardians are welcome to attend.

More questions? Just email your student's health science (i.e. Scientific Decision Making in 7th grade) teacher, and refer to flyer in your weekly agendas or the

website: http://www.houstonisd.org/Page/139497.

Important Reminders:

BUS ROUTES – Please contact HISD Transportation to ensure your child knows his/her bus information. <a href="www.houstonisd.org/transportation.o

School Bus Tracker- If your student will be riding HISD transportation, please register on www.houstonISD.org/BusTracker to track your students bus in the AM and PM time. The district's account number is 76647



UNIFORMS – Students are expected to adhere to BCMAR's dress code policy. If you need assistance with uniforms, please contact the school or HISD Student Support Services (713-556-6800).







Questions? Contact your child's teacher:

Ms. Obeid Claudia. Obeid@houstonisd.org

Ms. Price Ariel.Price@houstonisd.org

Mr. Dabas sdabas@houstonisd.org

Mr. Conrad fconradj@houstonisd.org

Ms. Holley Linda. Holley@houstonisd.org

Mr. Wertz <u>mwertz@houstonisd.org</u>

Ms. Heintzelman

<u>Elizabeth.heintzelman@houstonisd.org</u>

Ms. Chao Greysi.chao@houstonisd.org

Ms. Kerawala skerawal@houstonisd.org

Ms. Morgan

Samantha.morgan@houstonisd.org

Ms. Yap myap@houstonisd.org

Ms. Tyson

Kaaren.tysondupigny@houstonisd.org

Mr. Telle brent.telle@houstonisd.org

Mr. Rasti jonathan.rasti@houstonisd.ora

Coach Strong <u>kstrong@houstonisd.org</u>

Ms. Davis cdavis39@houstonisd.org

Mr. Berry jpberryiv@gmail.com

Mr. Eligio aeligio@houstonisd.org

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Tutorials and **Clubs**

Mondays- ELA/READING Tuesdays- SCIENCE Wednesdays- SOCIAL STUDIES Thursdays- MATH

THERE ARE NO AFTER-SCHOOL ACTIVITIES ON FRIDAYS.

The time will be 4:15pm-5:15pm. All students MUST be picked up by 5:30pm.

Saturdays: (9:00am – 12:30pm)

Jan 20, 2018 Jan 27 Feb 3, Feb 10, Feb 17, Feb 24 March 3 and March 24 April 7, 14, 21, 28 May 5

SCHOOL RULES AND POLICIES

- ❖ Before being dismissed for first period, ALL students MUST be in their assigned areas. 7th grade students report to the **GYM**. No students are allowed to be in the hallways, classrooms or restrooms WITHOUT PERMISSION.
- **❖ Locker times:** Morning, after being dismissed from their designated areas; Before and After Lunch; Between 4th and 5th Period.
- ❖ Dress code: Burgundy polo shirt with BCMA logo, khaki pants/shorts or skirts that are knee-length, BCMA burgundy sweater or solid burgundy sweater. School I.D. must be worn around the neck at all times
- ❖ ONLY ON FRIDAYS: Blue or black jeans with **no tears, cuts or holes**, BCMA spirit t-shirt or college t-shirt.
- When dismissed at 4:00 p.m., all bus riders must proceed directly and promptly to the bus ramps. School buses will leave at 4:07 p.m. everyday. Car riders must proceed directly and promptly to the front of the building.
- **Be respectful to school personnel and fellow students.**

SCIENCE

MS. TYSON

Monday-Tuesday, January 8-9, 2018:

Topic: Learning About the Nervous System

- Identify parts of the Nervous System and brain
- Outline the functions of the Nervous System

Activity #1: Amazing Learning

Activity #2: Graphing/Analyzing Data

Activity #3: Bill Nye-The Brain

Homework: The Nervous System Worksheet (Due: next class--1/10-11/2018)

Wednesday-Thursday, January 10-11, 2018:

Topic: How Does Human Hearing Compare with That of Other Animal?

Compare human sense of hearing to that of other animals.

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 Determine the ranges of total sensitivity extreme sensitivity to sound frequencies that can be heard by humans and other animals

Activity #1: Learning About the Nervous System

Activity #2: Online Virtual Lab- How Does Human Hearing Compare with That of Other Animal?

Homework: Review Cornell Notes and Vocabulary Key Terms

Friday, January 12, 2018

Topic: Learning About the Respiratory System

- Identify the major structures/functions of the Respiratory System
- Describe how the Respiratory and Circulatory System works to perform gas exchange

Activity #1: Video Presentation-The Respiratory System

Activity #2: Modeling the Respiratory System

Activity #3: Bill Nye-The Respiratory System

Homework: Parts of the Respiratory Worksheet (Due: next class)

❖ MS. HOLLEY

Subjects: The Respiratory System

Monday & Tuesday, January 8-9, 2018

- Activity #1: Systems and Functions Notebook Activity
- Activity #2: Bill Nye Respiration Video

Wednesday & Thursday, January 10-11, 2018

- Activity#1: Learning About the Respiratory System Notebook Activity
- Activity #2: Respiratory System Notes

Homework: Respiratory System Coloring Activity

Friday, January 12, 2018

- Activity #1: Respiratory System Packet
- Scientific Decision Making w/ Mr. Rasti & Mr. Wertz

Monday, January 8h & Tuesday, January 9th

T.S.W evaluate muscle structure and function and types of muscle tissue..

- Do Now: Vocabulary review
- Sliding filament model theory reading
- Muscle study guides
- "Literacy in the Middle"
 - Homework: Students will read pg. 29 Section 4.2 Muscle Tissue and Muscle Contraction from the NIH module: Looking Good, Feeling Good: From the Inside Out

Wednesday, January 10th & Thursday, January 11th

T.S.W learn about the neuromuscular junction and reflex arc.

- > Do Now: Coloring exercise on the neuromuscular junction.
- > Animations on the operation of the neuromuscular junction.
- > will complete a study guide on the neuromuscular junction.
- "Literacy in the Middle"
 - Homework: Students will review for a 20 question quiz on the BrainPop module "Muscle" found at the following URL:

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https://www.brainpop.com/health/bodysystems/muscles/

Friday, January 12th

T.S.W have an overview of the Integumentary System.

- DoNow: OPTICS
- Reading over epidermis, dermis, and subcutaneous layers of the integument.
- Students will examine the biology of integument
- Active reading
- "Literacy in the Middle"
 - o Homework: Define: basal cells, epidermis, keloids, Keratin, Keratinocytes, keratin, melanin, melanocyte, melanoma, scleroderma,

MATHEMATICS

★ MS. MORGAN & MR. DABAS (7TH GRADE MATH)

January 8th

Focus: Ch. 6 Theoretical Probability Introduction

Homework: Texas Go Math Grade 7

p. 184 all

January 9th & January 10th

Focus: 6.1 Theoretical Probability of Simple Events

Homework: Texas Go Math Grade 7

➤ p. 191 #8-16

January 11th & January 12th

Focus: 6.2 Theoretical Probability of Compound Events

Homework: Texas Go Math Grade 7

▶ p. 197 – 198 #10-18

Required Daily Supplies: Pencil with eraser & Math Binder (3-ring binder with loose leaf paper)
**Please note: Instructional agendas are subject to change due to unforeseen schedule conflicts

- ❖ MR. DABAS (ALGEBRA I)
- Math Lab w/Ms. Kerawala

This Week in the Math Lab w/Ms. Kerawala

<u>Classwork this Week</u>: Students will complete individualized topics, assignments, earn their piece of the pie, and take assessments in <u>www.Aleks.com</u> program. Students have approximately an hour in class daily to work on weekly topic and time assignments. On an average, students are expected to work for two hours and learn at least 10 topics each week. The program is self-pacing, and therefore some students may need to work over two hours to master 10 topics this week. The assignments are as follows:

Assignment	Description	Due Date	
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4.1Classwork	3 problems	Midnight Sunday 1/14/17	Aleks Tech Support Hours
4.1Topic:	10 Topics	Midnight Sunday 1/14/17	(Eastern Time): Sunday, 4:00 PM to 1:00 AM Monday - Thursday, 7:00 AM to 1:00 AM
4.1Time:	2 Hours	Midnight Sunday 1/14/17	Friday, 7:00 AM to 9:00 PM
Major Project Grade 4thCycleGoalTopics	70% = 280 topics 70% = 315 topics (Algebra)	Midnight Sunday 2/11/17	Phone: (714) 619-7090

<u>Homework/Make-Ups</u>: Complete unfinished weekly goals and 4thCycle Goal Topics. Due to the nature of the program and built in extended deadline with multiple attempts, the program will not allow extension for assignments past the due dates. These assignments must be done in a timely manner.

Please check your timeline and assignments on report page of ALEKS for current and future week's assignments.

Math Lab w/Ms. Eligio

Algebra 1

Monday & Tuesday

- > Finding a specified term of an arithmetic sequence given the first terms
- 5 topics learned in aleks program

Homework: Complete unfinished weekly topics goal by Saturday midnight Wednesday & Thursday

- > Finding a specified term of an arithmetic sequence given the common difference and first term
- > Quiz on arithmetic sequence
- 5 topics learned in aleks program

Homework: Complete unfinished weekly topics goal by Saturday midnight Friday

- Writing an explicit rule for an arithmetic sequence
- 5 topics learned in aleks program

Homework: Complete unfinished weekly topics goal by Saturday midnight 7th Grade Math

Monday & Tuesday

- Finding an angle measure of a triangle given two angles
- > 5 topics learned in aleks program

Homework: Complete unfinished weekly topics goal by Saturday midnight

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Wednesday & Thursday

- > Finding an angle measure for a triangle with an extended side
- > Quiz on angle measure of a triangle and extended side
- 5 topics learned in aleks program

Homework: Complete unfinished weekly topics goal by Saturday midnight Friday

- Finding an angle measure given extended triangles
- > 5 topics learned in aleks program

Homework: Complete unfinished weekly topics goal by Saturday midnight

ELA/WRITING

MS. YAP & MS. DAVIS

<u>Monday</u>

Guiding Question(s):

Can I examine the effectiveness of my peer's summaries and tone?

Skill focus:

summarizing plot, manipulating elements to create tone

Activities:

Writer's Eye Journaling

View projects noting summary and tone elements

Examining of metaphors

Hw:

Creating extended metaphor poetry

Tuesday/Wednesday

Guiding Question(s):

How do stage directions help advance a story's plot?

What is the theme of the play?

Skill focus:

Theme exploration, character motivation, stage directions

Activities:

Writer's Eye Journaling w/turn and talk discussion

Vocabulary pre-teach

Read "The Monsters Are Due on Maple Street"

Theme analysis

Hw:

Response to literature writing

Thursday/Friday

Guiding Question(s):

How are the play and the story of Ruby Bridges alike?

How are they different?

Skill focus:

Theme exploration, cross-genre analysis

Activities:

Writer's Eye Journaling w/painting inferences

"Little Rock Nine" video analysis

Read <u>The Story of Ruby Bridges</u>

Comparing texts using graphic organizer

Hw: N/A

SOCIAL STUDIES

MR. CONRAD & MR. TELLE

Monday/Tuesday

I Do: Battle of Gonzales Notes

We Do: Battle of Gonzales & Goliad Impacts

You Do: Gonzales Storybook Page

Wednesday/Thursday

I Do: Battle of San Antonio We Do: :Battle of the Alamo

You Do: Battle of Goliad Storybook Pag

Friday

I Do: Alamo Worksheet We Do: Alamo Movie

You Do: Storybook Check

ART ELECTIVE

MS. PRICE

COMPUTER SCIENCE/TECH APPS

MS. CHAO

LATIN/SPANISH

❖ MS. HEINTZELMAN

Monday, 1/8/18 and Tuesday, 1/9/18

- New seating chart/bathroom passes/Latina Vivits/book, binder, supply check
- TAG/Etymology
- Stage 7: Vocab, Derivatives, illustrations
- Review imperfect tense verb endings
 Homework: Imperfect tense verb endings quiz next class
 Wednesday, 1/10/18 and Thursday, 1/11/18
- TAG/Etymology
- Quiz over imperfect tense verb endings
- Take notes over perfect tense verb endings
- Stage 7 sentence dialogues pp. 84-85
 Homework: perfect tense handout

Friday, 1/12/18

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- TAG/Etymology
- Turn in HW
- Translate "fabula mirabilis" story p. 86 (1 sentence/1 student)
- Kahoot: Stage 1-6 vocab & verb tenses review

Homework: Study all 3 verb tenses for quiz next class

Mr. Berry

7th Grade Latin (A2, B6, B10):

Warm-ups: National Latin Exam questions

Also this week, we will:

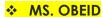
- -Review information from Stage 7.
- -Begin Stage 8 vocabulary and derivative charts.
- -Cover present and imperfect verb endings and organizational charts
- -Review Roman leisure activities.
- -Discuss the Roman mythological figure of Janus.

Latin I (A5, B8)"

Warm-ups: Transition from Intro to Latin to Latin I National Latin Exam preparatory materials.

Also this week, we will:

- -Review vocabulary for Stages 9 and 10.
- -Review Latin noun case endings.
- -Study Latin dative case endings for nouns.
- -Review Roman construction in the colosseum and Roman baths (or thermae).
- -Discuss traditional Roman mythological figures including Janus.



<u>IT TAKES A VILLAGE</u>

Dear Parents/Guardians:

As a health science school, we take science seriously. All BCMA at Ryan students do an independent science or engineering investigation, write a manuscript (a research report on their investigation) and present their manuscript in the format of a poster. The projects will be graded and all posters will be part of our BCMAR (Science Fair) Science Symposium, which will be **January 19th, 2018, 4:30 pm – 5:00 pm**. Winning projects will move onto district and for seventh and eighth graders, they will move on to the Science and Engineering Fair of Houston (SEFH). Every year we are very proud of our students. In previous years, we've had over 15 students place in district and multiple teams that won awards at SEFH and went on to State.

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The STEM research handbook contains important information and is electronically available on the BCMA at Ryan Science Fair website. BCMA at Ryan and HISD follow SEFH guidelines. Please go through it carefully with your student(s) and see their health science teachers for questions.

Students will begin identifying research questions in their health science classes. We highly encourage you to engage at home with them in order to ensure optimal levels of success on their projects. Please note: <u>Most of the student's research will be done outside of the</u> classroom.

Students will need to register for an account on *Scienteer*.com in order to actively track research progress at

https://www.scienteer.com/register/baylorcollegeofmedicineacademyatryan. The student will need your email address to register. Please help your student get registered by helping them fill in the form in the above link, then please look in your email for a message asking to verify consent and verify.

Some class time will be available during the fall for students to work on their independent research components. It will be the student's responsibility to prepare and finalize the independent research project, work outside of school on their investigation (data collection and observations), and be productive during class time designated for research. Please find the deadlines below and please note some of them may be subject to change by your health science teacher. Research projects are due December 4th/5th. Students are required to submit a manuscript (the poster in paper format), a poster and a notebook. Pay closest attention to the manuscript and notebook rubrics and all else will fall into place.

<u>Saturday advisory from 8 am – 10 am at BCM with experts occur on: 10/21, 11/4, 12/2.</u>
<u>Advisories at BCMA at Ryan on the following days: 10/14-Saturday, 11/11-Saturday, 11/16-after school</u> (students will be notified of changes in advance).

Thank you for doing all you can to make this research process a positive and productive experience.

<u>S.T.E.M. Specialist</u> Beatriz Perez-Sweeney, PhD <u>perezswe@bcm.edu</u>

Mr. Aquilar: luke.aquilar@houstonisd.org

Health Science Teachers:

briana.brown@houstonisd.org	 . 5.0
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Ms. Brown:

Mr. Rasti: jonathan.rasti@houstonisd.org rtorre11@houstonisd.org

Ms. Torres:

Mr. Wertz: mwertz@houstonisd.org

Dr. Williams:

twilli71@houstonisd.org

IMPORTANT DATES AND DEADLINES

Research Component	<u>Tentative Due Date</u>	Teacher Due Date (to be filled in by the student)
Research Proposal (Question, Hypothesis, Background information supporting the hypothesis, Statement of why the project is interesting, and the Procedure/methods that will be used) INCLUDING a draft annotated bibliography showing information that supports the hypothesis.	October 2 nd B Day October 3 rd A Day	
Annotated Bibliography (showing information that will be included in the introduction)	November 2 nd A Day November 3 rd B Day	
Results in table/graph format, Summary of the results, Abstract Draft	November 27 th A Day November 28 th B Day (after Thanksgiving Break)	November 27 th November 28 th (after Thanksgiving Break)
Manuscript (Paper)	December 4 th B Day December 5 th A Day	December 4 th December 5 th
Oral Presentation and Poster	December 11 th A Day December 12 th B Day	
BCMAR Science Symposium	January 19 th (4:30 pm – 6:00 pm)	
District Fair	TBA by Houston ISD	
Science and Engineering Fair of Houston (SEFH)	February 23 rd and 24 th	

Please note that dates are subject to change per your respective Health Science Teacher. Tentative due dates will be as followed unless noted

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otherwise by the teacher. Time management is the key to producing a quality STEM research project. We strongly recommend that all or most of the data be collected during the month of October. Please contact your teacher **in advance** to discuss conflicts with due dates or questions about upcoming deadlines!

DUKE TIP INFORMATION

Greetings,

On Friday, October 13, 2017 during the Elective Period A4, students who qualified for Duke Tip, based on their 2017 6th Grade ELA and Mathematics results were given an application to apply to the Duke Tip program. This year, the campus will not be financially responsible for any fees, but there is a Reduced Fee Waiver Form (attached) that can be used by students who participate in the free or reduced lunch program. If this applies, the Fee for the Duke Tip Assessment will be reduced to \$30. Please see attached and follow steps to take advantage of such.

However, there is another way that students are eligible to qualify for Duke Tip. If your student received the following Scale Scores on the 2016 5th Grade STAAR of the stated subject matter, they can also qualify for Duke Tip. Unfortunately, being that we are not a zoned school, our data for student information for 5th Grade cannot be obtained easily. If you feel your student may qualify, please feel free to request an application and have your student complete for the opportunity to take advantage of this opportunity.

Qualifying Scores (2015 STAAR, by Subject)

2016 STAAR	Scale Score Required for Duke
<u>Assessment</u>	<u>Tip</u>
Mathematics	Greater Than or Equal to 1833
Reading	Greater Than or Equal to 1753
Science	Greater Than or Equal to 4577

One way for parents to be able to review the scores is to visit the Texas Assessment Portal, which can be located at the following web address: https://txparentportal.emetric.net/login. Parents may find the Unique Access Code in a prior STAAR Report, located in the bottom right in small print. Deans have access to the student's Unique

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Access Code via A4E and can also provide such. Based on the scores obtained, there may be additional students who qualify.

Applications for Duke Tip will be in Mr. Turner's Mailbox in the Main Office and can be requested at any time. Regards,

Mr. Turner - 8th Grade Dean



Intervention Assistance Team (IAT)

IAT Progress Monitoring

The Intervention Assistance Team (IAT) is a team of professional educators who convene to discuss and initiate interventions for students in need of assistance and individualized services. The Intervention Assistance Team (IAT) is established to systematically identify instructional recommendations for students having learning difficulties, behavioral or other concerns. If a student shows up as "Intervention-Tier II" or "Urgent-Tier III" on their prior Universal Screener, they must participate in the Progress Monitoring Window. Check with your students ELA/Math Teacher for their status.

Fall Dates

1st Window Progress Monitoring November 27th – December 15th Middle of Year (MOY) Universal Screener #2

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(All students) January 8th – January 31st

Tier II and Tier III Interventions are embedded in Math and Reading Enrichment classes. Students may need schedule changes to accommodate such, throughout the academic year.

ELA and Math Teacher of Record have been trained to provide more detailed information regarding student progress on Universal Screener, please contact for your student's progress.

Enrichment Teachers will maintain evidence of Progress Monitoring in Red IAT Binders.