




Upward Bound Math & Science Center
presents



February 5th-26th :
(VC Session Recording)

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Today's Program Agenda

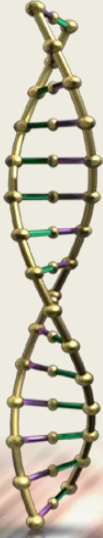


- Introduction / Welcome
- February ICCP Update
- College Students Share Perspectives
- English / Math Instruction
- Updates / Announcements
- Closing

*Remember to get more information from the UBMS Blog:
<http://utaubms2.wordpress.com>*

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Introduction



Watch the entire session

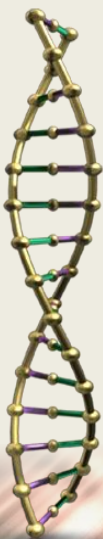
- Get a copy of the slides and other info: email/blog
- Take notes & Write down questions
- VC Feedback Form – return by *February 26th*

Upcoming Tests

- ACT testing, February 6th (Practice by going to <http://www.actstudent.org> click on 'Test Prep')
- SAT testing, March 13th – (Practice by going to <https://collegereadiness.collegeboard.org/sat/practice>)
 - Use the tools presented in December / Blog

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February ICCP *Deadline: February 26th*



– *Freshmen Activities*

- A-B: Homework Help /Watch Medical Show, C: Doodle 4 Google

– *Sophomore Activities*

- A: How to Get Good Grades Handout II
- A (TS/UB): Sudoku-Math Activity
- B: Improve your Reading
- B (TS/UB): How well do you know your body?

– *Junior Activities*

- A: Interview a Math & Science Professional (*Start early!*)
- B: Career Assessment
- B (TS/UB): Secret Life of Scientists & Engineers

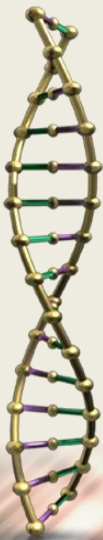
– *Senior Activities*

- A: Deciding / Thinking About Your Major
- A (TS/UB): Scientists who changed the world
- B: Reading and Writing Workshop /B (TS/UB): Secret Life of scientists & Engineers

– *PART C – ALL : Digital Privacy Scholarship*

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February ICCP REVIEW- *HIGHLIGHTS*



- How to get Good Grades II

- Takes time and effort. Working hard to get good grade is definitely worth it.
- Think about these things to help:
 - *How organized are you?*
 - *How well do you manage your time?*
 - *How well do you participate in class (note taking, discussions, listening effectively, etc.)?*
 - *How well do you prepare and complete work?*



Take advantage of these opportunities:

- Interview a Math / Science Professional

Explore careers (Juniors)

Type of Questions, create your own



- Deciding and Choosing a Major

Explore majors (Seniors)



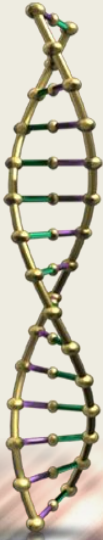
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UBMS 'DNA' – Screenshot (www.uta.edu/ubms)

The screenshot shows the UBMS 'DNA' website interface. At the top, there is a navigation bar with the 'DNA' logo and the text 'developmental network alliance'. Below the logo, there is a 'Log Out' link. The main content area starts with a 'Welcome to DNA' heading. A paragraph explains the purpose of UBMS' DNA: 'The purpose of UBMS' DNA (Developmental Network Alliance) is to aid in transforming our students into critical thinkers, with the cognitive abilities, expanded perspectives, and reflective insight needed for academic and career success.' Below this, there is a note: 'Participants, be sure to retrieve the correct ICCP activities. Activities are different depending on if you are in a Talent Search and Upward Bound program or not. Read the description below carefully and retrieve the correct activities for this month.' A section titled 'MONTHLY ICCP ACTIVITES: February 2020' lists activities for February, including '9th All', '10th Grade ICCP', '11th Grade ICCP', and '12th Grade ICCP'. At the bottom, there is a section for 'ICCP ARCHIVES' and a note about conducting activities on-line, email, or by telephone.

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College Student *Shares* Perspective



- ❖ **Giles Fitzwilliams** – UBMS Dallas Tutor, Talent Search Alum, UTA Student
- ❖ **Rebekah Lanning** – UBMS Dallas Tutor, UTA Student

“EXPLORING CAREERS”

- *College Majors*
- *Involvement in activities*
- *Internships/Career*

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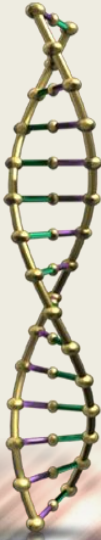
Exploring Careers - Rebekah



- College Major: Biology/Microbiology
- Involvement: Research, volunteering, organizations, working on campus
- Internships/career: I would like to go to graduate school and work in the industry
- *Tips:*
 - apply early
 - the best way to learn what you want to do is through experiences: volunteer in a hospital to see if you might like the medical field, join robotics if you think you like technology etc.
 - Do not focus on the negative experiences, learn from them
 - Be constantly looking for scholarships
 - Make volunteering a consistent experience
 - Enjoy learning, it will make things easier

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Exploring Careers - Giles



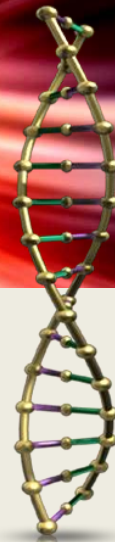
- College Major: Biomedical Engineering
- Involvement: Joining clubs of interest , ask questions, & study groups
- Internships / career: My personal goals to work within the medical field; somewhere in radiology at the moment.
 - Some things I am doing to work towards that is watching my grades, volunteering, researching in a lab, internship, and being in a medical club.
- *Tips:*
 - Do your best when it comes to grades and building a work ethic.
 - Learn to manage time wisely
 - Make sure what you're aiming for is something you are truly interested because this is all a long-term investment in yourself.
 - Learn to relax and have fun as well, don't get too lost in work

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English Instruction

(SAT Focused – encore presentation)

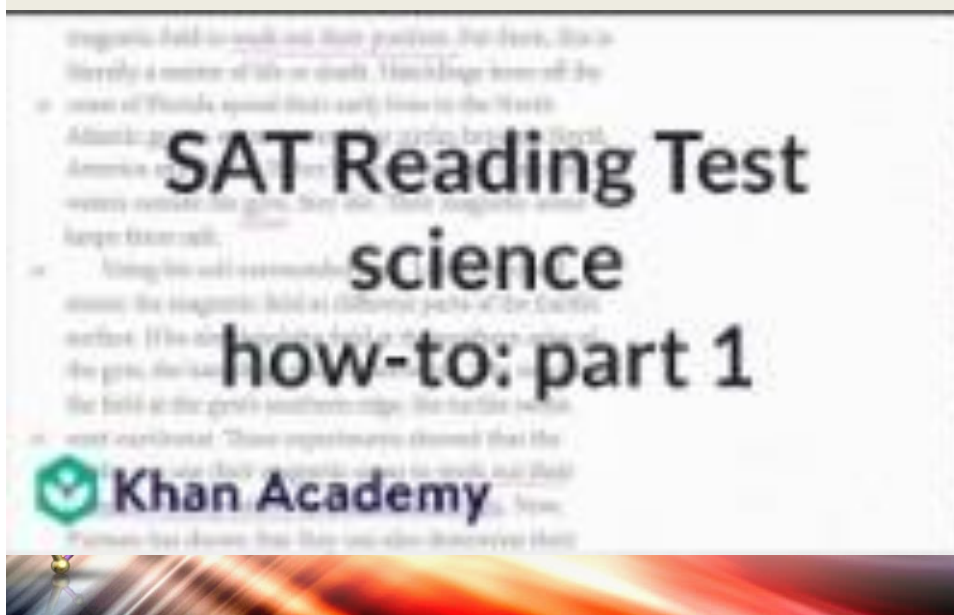
Topic: “Reading: Science /
Writing Questions”
Presented by Khan Academy
- Let's Learn and Practice



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VIDEO: SAT: Reading Section (Sci.) PART 1 (By Khan Academy):

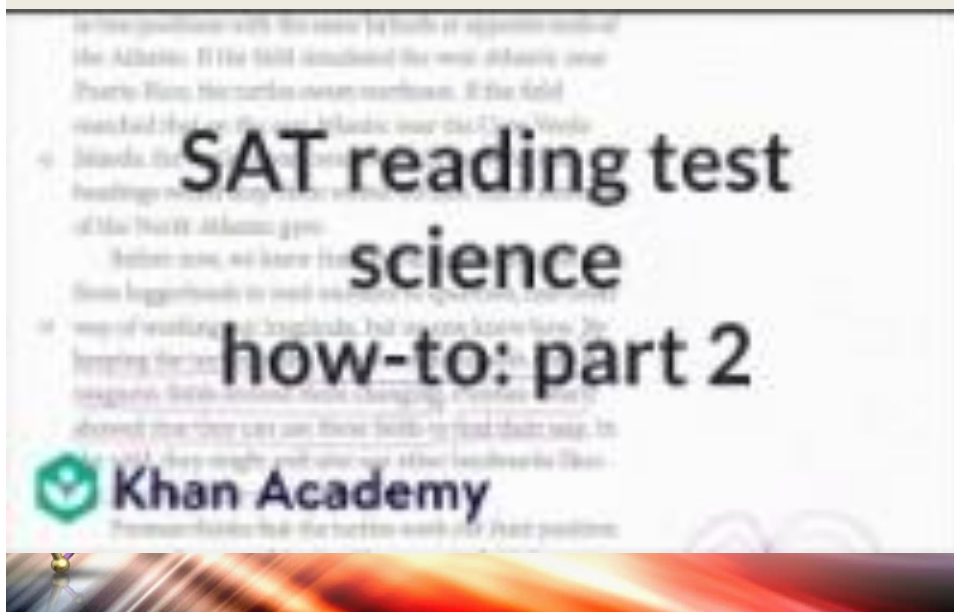
https://www.youtube.com/watch?v=HJg_7bjGbX0&list=PLSQ0a2vh4HDk6kqy5a1EKMZ_ZcqDHuWe&index=4



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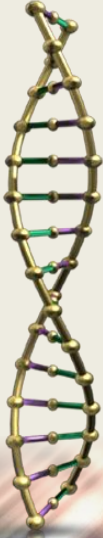
VIDEO: SAT: Reading Section (Sci.) PART 2 (By Khan Academy):

https://www.youtube.com/watch?v=KXwYPD090Tg&list=PLSQ0a2vh4HDk6kqy5a1EKMZ_ZcqDHuWe&index=5



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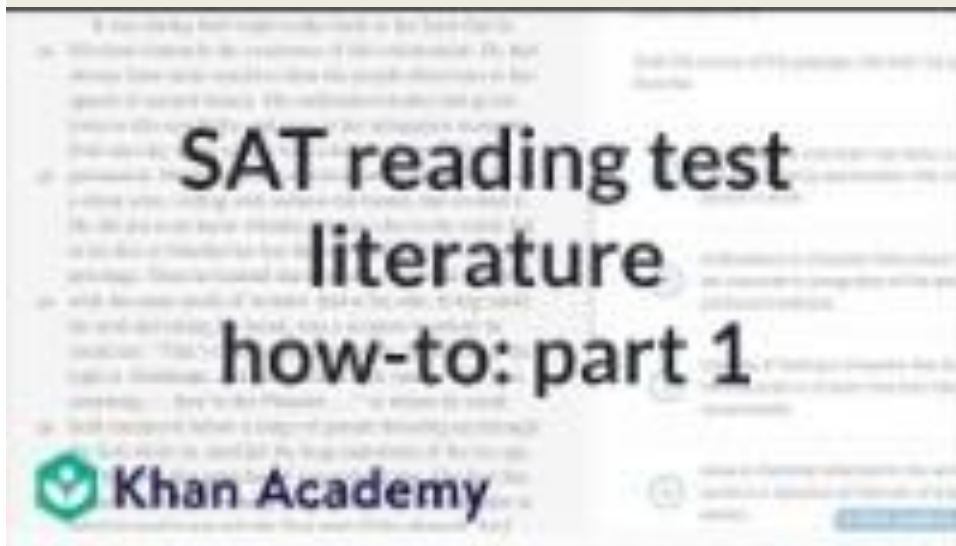
SAT Writing / Language Video By *Khan Academy*



- Check these out for instruction / practice:
 - Writing Argument Example:
 - https://www.youtube.com/watch?v=9slylqZ1M0k&list=PLSQI0a2vh44HDk6kqy5a1EKMZ_ZcqDHuWe&index=2
 - Writing Informative Example:
 - https://www.youtube.com/watch?v=PP61GER5vno&list=PLSQI0a2vh44HDk6kqy5a1EKMZ_ZcqDHuWe&index=7

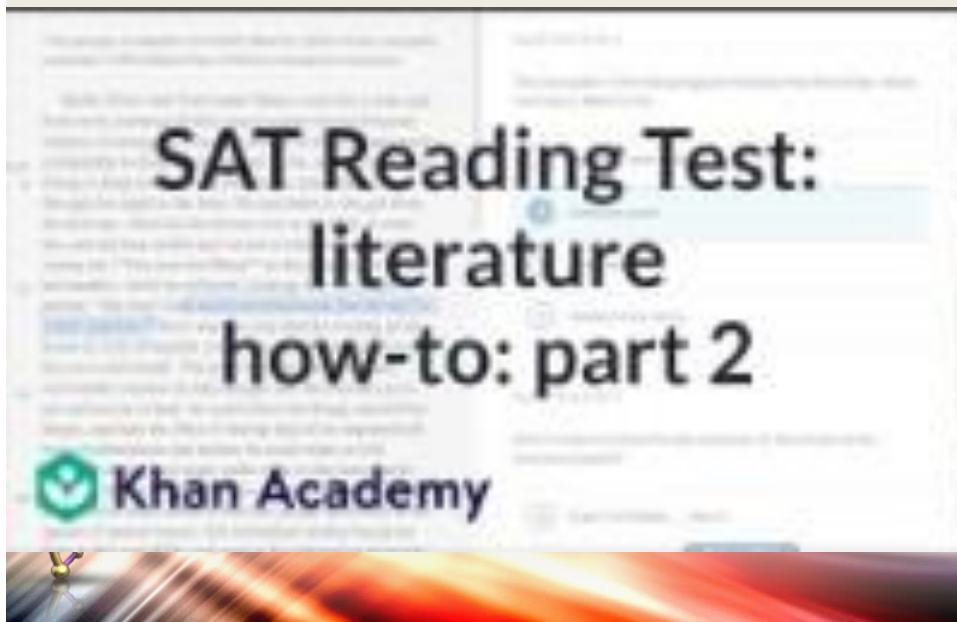
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EXTRA: VIDEO: SAT: Reading Section (Lit.) PART 1 (By Khan Academy):
https://www.youtube.com/watch?v=1JLElrXlixA&list=PLSQI0a2vh44HDk6kqy5a1EKMZ_ZcqDHuWe&index=1



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EXTRA: VIDEO: SAT: Reading Section (Lit.) - PART 2 (By Khan Academy):
https://www.youtube.com/watch?v=LxnX9-xUMvs&list=PLSQI0a2vh4HDk6kqy5a1EKMZ_ZcqDHuWe&index=6




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 A presentation slide with a background of vibrant, streaky light effects in shades of orange, red, and yellow. On the right side, there is a 3D model of a DNA double helix structure, rendered in gold and purple. The text on the slide is as follows:

Math Instruction
 (SAT Focused – *encore presentation*)

Dr. Richard Raleigh
 Presented by Giles Fitzwilliams
 - *Let's Learn and Practice*

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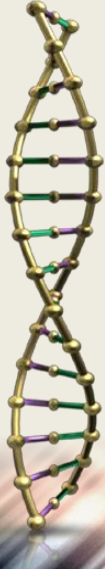


Math Instruction Video:

<https://uta.instructuremedia.com/embed/d564029c-d3ed-414e-b595-1057df5d710d>

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ACT / SAT MATH HELPS & TIPS



ACT Math Details - Questions: 60 (60 minutes)

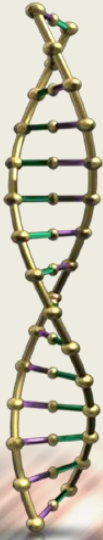
- Use of calculator throughout
- **60% of Math:** Content covers: complex number systems, algebra, functions, geometry, and statistics and probability (these are essential for college mathematics)
- **40% of Math:** Synthesis information using rates and percentages, proportions, area, surface area, and volume; average and median, and understand connections; modeling
- Knowledge of formulas and ability to compute are necessary for problems
 - TIPS: <http://www.act.org/content/act/en/products-and-services/the-act/test-preparation/math-practice-test-questions.html?page=0&chapter=0>
 - PRACTICE: <http://www.act.org/content/act/en/products-and-services/the-act/test-preparation.html> (scroll down the page)

SAT Math Details - Questions: No Calc. use – 20 (25 min.) / Calc. use – 38 (55 min.)

- Content covers: Algebra, problem solving and data analysis, advanced math such as complex equations
- Also covers: geometry, trigonometry related to college courses
 - TIPS: <https://collegereadiness.collegeboard.org/sat/taking-the-test>
 - PRACTICE: <https://collegereadiness.collegeboard.org/sat/practice> (scroll down the page)

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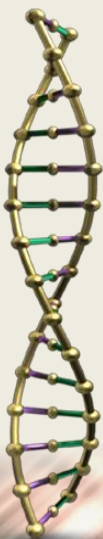
FEBRUARY SPECIAL ACTIVITIES - Optional



- Burlington Northern Santa Fe – Technology Awareness Day (Feb 23rd – 26th) – [website](#)
 - Theme: ‘Living in a Virtual World’: Program to educate youths about careers in the technology field and challenges them to design and develop their own technological solutions
 - Register to attend event online (see email for link)
 - Session will take place after school (4:30-6:00 pm)
- Doodle 4 Google: Deadline Feb 26th
 - Theme/design based on: **“I am Strong because...”**
 - Instructions and what do - [video](#)
 - Register and Submit submissions - [website](#)
 - UBMS Blog (shows previous submissions/more information)
- Email us to let us know you registered for *BNSF Event* or submitted your *Doodle 4 Google*

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UBMS Program Updates



2021 Financial Aid Forum, available online

- See email /blog page: <https://utaubms2.wordpress.com/faf-2021/>

ICCP Activities : February due February 26th

Online Tutoring/Advisement: Feb. 10th and/or 11th 6- 7pm

- Join us online for help in your studies, check email day of

Probation / Termination Letters:

- Respond with activities by Feb 26th. Its critical for some!

2021 Summer Intent Form, due Feb. 26th **(don't be late)**

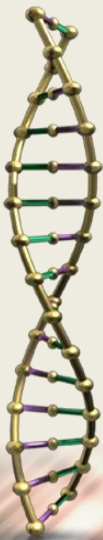
2021 Bridge Application (Srs.), Final Deadline March 1st

Seniors: Admission / Scholarship Reminders

- Apply for scholarships-email (FAF, Mr. Zapata) & [UBMS Blog](#)
- Google searching
- Use Admission Checklist for help and timelines

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FINAL REMINDERS



- **Next Recorded VC – March 5th** **Optional for TS/UB students*
- **Next LIVE VC – Make plans to attend**
 - Thursday, April 22nd (Non-TS/UB students)
 - Saturday, April 24th (TS/UB students)
- **Return feedback form to get credit by Feb 26th.**

Let us know about any suggestions for VC sessions or activities

We wish you the best on your tests!

The University of Texas at Arlington
Upward Bound Math & Science Center
P. O. Box 19356, Arlington, Texas 76019
Tel. (817) 272 2636 | Email. ubms@uta.edu