

# Senior TED Talk Schedule and Questions

**Tuesday, May 18th: Torrey's Classroom or [Google Meet](#) (Sara's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
TBD			

**Tuesday, May 18th: Julian's Classroom or [Google Meet](#) (Ashley's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
TBD	Sam Atchison	What can we learn from past wolf reintroduction's ecological, social and economic impacts in order to improve the process for the Proposition 114 Colorado reintroduction? BBC	My Action project aims to educate people in my local area about the perceived pros and cons of wolf reintroduction. I do this, so that community members can decide for themselves whether or not they support the reintroduction of grey wolves into Colorado. I have gathered interviews from various people with biological and conservation backgrounds and local ranchers that may be affected by this conservation effort. The Interviewees' responses certainly shaped my view on Prop 114, and I hope they will shape your view too

**Thursday, May 20th: Torrey's Classroom or [Google Meet](#) (Sara's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
9:00 - 9:45	Lindsay Levine	How can the young consumer perspective shift the future of the fashion industry in an ethical and sustainable direction and why is it necessary?  <a href="#">Senior TED Talk Youtube link</a>	Clothing repairs in an effort to reduce textile waste and the strane on consumers wallets from replacing their wardrobes
9:45-10:30	Landon Moranty	How can political satire be used to help bridge the divide in modern American politics?	A 30 minute podcast on several interviews, filled with funny tidbits too.

		<a href="#">Senior TED Talk Youtube link</a> <a href="#">Landon's TEDTalk</a> powerpoint	
10:30-11:15	Nick Austin	How and why does poetry therapy work?  <a href="#">Senior TED Talk Youtube link</a>	Designed a website for poetry and art submissions, an instagram page to promote it, and a video to draw the connection between art and therapy.
11:15-12:00	<b>LUNCH</b>		
12:00-12:45	Annika Nelson	How does creativity positively impact mental health? <a href="#">2021 Senior Ted Talk</a>  <a href="#">Senior TED Talk Youtube link</a>	Painting hung in the school showing how creativity can improve mental health and assist with education in the project based school.
12:45-1:30	Alyssa Nicoloy	How prevalent are gender inequities in US sports and what is being done to combat them?  <a href="#">Senior TED Talk Youtube link</a> <a href="#">Powerpoint Link</a>	My action project was to begin the Girl's Skate Night again under a different name, Women on Wheels. The mission for the revised Women on Wheel's is to create a supportive and welcoming environment for female and non-binary skaters. I worked in collaboration with The Hive to host a kick off event, which included live music, relay races, and a surprise give away consisting of gift cards for a local skate shop. Women on Wheels will continue every Wednesday from 5-7, with a new leader taking over in August.
1:30-2:15			

**Thursday, May 20th: [Julian's Classroom](#) or [Google Meet](#) (Ashley's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
9:00 - 9:45	Sarah O'Kane	How does the lack of educators' cultural understanding of Native American norms affect Native American student productivity? What are the most effective ways for educators to engage in a cross-cultural understanding of Native American norms?	My action project was to interview students and educators about their experience with cross-cultural understanding and awareness. Then I took those interviews and put them in

		<a href="#">TED Talk Powerpoint Link</a> <a href="#">TED Talk Youtube Video</a>	<p>a video with some narrative. To exhibit this project my fellow classmates and I held a Youtube premiere with a live Q and A held after. I also published this video to my personal channel and sent the link to educators within our community.</p>
9:45-10:30	Kian Edmondson	<p>How has the field of data analytics changed how sports teams draft and develop players?</p> <p> <a href="#">TED Talk Link</a>  <a href="#">TED Talk Youtube Video</a> </p>	<p>My action project entailed writing code for data scraping large amounts of statistics from multiple websites in order to use that data to run correlations in an attempt to create an NBA draft predictor.</p>
10:30-11:15	Ava Kadence Jacober	<p>How does nature impact us and how can we utilize The 14 Patterns of Biophilic Design in schools to mimic those natural spaces?</p> <p> <a href="#">TED Talk</a> Powerpoint  <a href="#">TED Talk Youtube Video</a> </p>	<p>My action project was to design a biophilic space for the new AHS building. With support from the architects designing the new AHS building, I designed outcroppings, breakout/study spaces in the middle of the hall of the new building.</p>
11:15-12:00	LUNCH		
12:00-12:45	Christopher Atchison	<p>In the United States, the most effective way to increase healthcare access is to create more efficient delivery means to streamline access and reduce general costs.</p> <p> <a href="#">Powerpoint Link</a>  <a href="#">Youtube TED Talk Link</a> </p>	<p>The basic requirement for an action project is to solve a problem or fill a need to make a positive impact on others besides yourself. Since our community is currently facing a pandemic, I saw no greater need in our community than initiating herd immunity. I began working with an organization called <i>United Today, Stronger Tomorrow</i>. I helped the organization advocate for funding that Governor Polis would receive for Covid-19 relief. I then researched how that money should be spent, and how to make vaccines more accessible in our area. After working with them for a week or so I began thinking about what percentage of my local community, Animas High School, was vaccinated. After a quick survey I figured out about 55% of the student body had vaccinations but 35% were still looking to get vaccinated. After this, I decided to shift my action to focus on finding vaccinations for my fellow eligible peers. I got in contact with <i>Animas Surgical Hospital</i> and organized a mobile vaccine clinic at our school, while also sending emails for appointments at hospitals to the select student that signed up</p>

			for vaccine information. In the end I succeeded in vaccinating around 5% of the student body during my project.
<b>12:45-1:30</b>	Nicholas Gilmore	What makes a master chess player deviate from the average chess player?  <a href="#">TED Talk Powerpoint Link</a>  <a href="#">Youtube TED Talk Video</a>	For my action project, I hosted multiple in-person and virtual free chess lessons for students in durango. These students ranged from seniors all the way to 5th graders.
<b>1:30-2:15</b>	Chris Piel	To what extent is damage detrimental to the sound quality of a classical or acoustic guitar?  <a href="#">Link to powerpoint</a>  <a href="#">Youtube TED Talk Video</a>	To be able to impact my community in something I'm educated very little in, I decided to venture on my own and help my friends fix their guitars so that I may be able to practice the art of being a luthier and to also attempt to get them to play the guitar once again! I also interned with Turtle Lake Instruments to find more guidance to be able to really know the techniques and knowledge needed to be able to fix guitars.

**Friday, May 21st: Torrey's Classroom or [Google Meet](#) (Sara's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
<b>9:00 - 9:45</b>	Riley Douglas	What is the current state of renal failure in modern medicine and how is it emotionally affecting patients?  <a href="#">Link</a> <a href="#">Youtube TED Talk Video</a>	I created a digital assistant that gathered local data in the hopes to assist and support the local CKD community. Then I hung flyers around the community and had my site critiqued by health professionals.
<b>9:45-10:30</b>	Mason James	What technological and physical advancements are needed for autonomous vehicles to be available to the public, and what effects will AVs have on our society?  <a href="#">Youtube TED Talk Video</a>	I built a fully autonomous, fixed-wing drone to demonstrate this type of technology and the potential it has to serve and protect our community. This drone looks more like a plane instead of a classic quadcopter design for multiple reasons I will cover in my TED talk.
<b>10:30-11:15</b>	Cole House	How has the processing and distribution of uranium tailings from the smelter vanadium mill	For my action project I made a historical summary style video to educate the community about the events that occurred

		<p>affected the community of Durango?</p> <p><a href="#">Youtube TED Talk Video</a></p>	<p>from the infamous smelter mill. I also interviewed a long standing resident to gain her perspective while living in Durango with the mill.</p>
<b>11:15-12:00</b>	<b>LUNCH</b>		
<b>12:00-12:45</b>	Taylor Schermer	<p>Does the LEED certification system adequately achieve its goals of encouraging green building construction while maintaining a symbiotic relationship with the environment through certification?</p> <p><a href="#">Youtube TED Talk Video</a></p> <p><a href="#">Ted Talk Powerpoint</a></p>	<p>The main goal of my project is to inform schools on different ways they can adapt their operations in order to create a more sustainable way of living. There is a lot of progress being made on new construction to make a greener living environment but there should also be focus on buildings and structures that are already built. As greenhouse gas emissions continue to rise it will be important for humanity to take steps to encourage reduction of those emissions. I created a guide for schools to encourage different practices they can implement in order to live greener. It is in the form of a written document. It is structured very similarly to LEED and CHPS certification credit documents, where there are different categories of sustainability and within those categories there are different credits. Those credits have their requirements and an explanation their impact. I shared it with local student councils in order to spark a change in their schools.</p>

**Friday, May 21st: Julian's Classroom or Google Meet (Ashley's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
<b>9:00 - 9:45</b>	Rosie Gurnee	<p>“What is the potential of community gardens to improve upon America's welfare state? What is the feasibility of and or political avenues through which this framework might come to fruition?”</p> <p><a href="#">Powerpoint Link</a> <a href="#">TED Talk Youtube Link</a></p>	<p>My action project was a collaboration with Britt Autry to present a proposal for a Garden Dome to be built at the new Fort Lewis Campus. Our proposal includes funding strategies, community feedback, and sustainability practices.</p>

<b>9:45-10:30</b>	Jake Burton	<p>In a world in which critical thinking and adaptability is critical for post-secondary success? What is the best methodology of elementary education to ensure student happiness, and preparedness?</p> <p><a href="#">Google slides</a> <a href="#">Youtube TED Talk</a></p>	<p>For my action project I will be teaching a lesson to my 4th and 5th grade class. I have taught a practice lesson so that I could get used to teaching to larger groups and manage personalities. The theme of my final lesson is a fraction game. The game I taught was a fraction bingo game in table groups. Each table had about 2 people sharing a board and they competed as a whole class.</p>
<b>10:30-11:15</b>	Billie Brand	<p>How does news media use framing to shape perspective on immigrants and what are the effects of this on immigration policy?</p> <p><a href="#">Powerpoint Link</a> <a href="#">TED Talk Youtube Link</a></p>	<p>I completed three sub-projects that each covered a different aspect of my findings on framing, including a thematic analysis, a personal aspect, and an episodic hands-on internship. I created a spreadsheet to track the proportion of stories that the Animas Quill publishes, to find where the Quill over or under represents certain classes and students. I wrote 15 poems and hand binded a poem book to produce more diversity in the non-binary poet category. Finally, I attempted to deconstruct the effects of media framing on myself by working with Compañeros, a local immigrant advocacy organization, delivering food boxes to our community.</p>
<b>11:15-12:00</b>	<b>LUNCH</b>		
<b>12:00-12:45</b>	Amira Aquarian	<p>What is the most effective way to ensure racial equality in the current U.S police system?</p> <p><a href="#">Slideshow link</a> <a href="#">TED Talk Youtube Video</a></p>	<p>I have created a screencast presenting a power-point I made surrounding what restorative justice is, which will be presented to all freshmen and sophomores. I will start building a RJ team composed of students and staff for next year based on people that are nominated through a survey I made.</p>
<b>12:45-1:30</b>	Lucy hall	<p>What are the boundaries of female athletes in the ski industry?</p> <p><a href="#">Power Point</a> <a href="#">TED Talk Youtube Video</a></p>	<p>Wrote a blog on my work with novia film. I also touched on how my research played a role in the film</p>

**Monday, May 24th: Torrey's Classroom or [Google Meet](#) (Sara's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
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9:00 - 9:45	Luke Davis	<p>How might we re-examine the complex dynamics of art in a modern society by understanding the philosophies which fuels its existence?</p> <p><a href="#">TED Talk Youtube Video</a></p>	<p>For my action project, I wanted to explore the ideas explored in my paper on art such as time, authenticity, perception and truth. I will be exhibiting one of the paintings I did in an invitational exhibit happening at Studio &amp; (May 14th- 22nd) entitled through.</p>
9:45-10:30			
10:30-11:15	Sean Madden	<p>Research Question: <i>What are the benefits of participating in extreme sports on the body and brain and why are we drawn to them even though they pose large amounts of danger?</i></p> <p><a href="#">TED Talk Youtube Video</a></p>	<p>For my action project I went to a preschool class and did a beginner bike clinic with them teaching basic bike skills along with fun obstacles allowing them to test their skills both physically and mentally. I then asked them to reflect on the experience and how they deal with and understand the fears that come from activities like these.</p>
11:15-12:00	<b>LUNCH</b>		
12:00-12:45	Mylie Lanier	<p>How can epigenetics be incorporated into the treatment and research of migraines and neurology?</p> <p><a href="#">Sides</a></p> <p><a href="#">TED Talk Youtube Video</a></p>	<p>My goal for this Ted Talk/media presentation was to explain chronic migraine and the complexity of this debilitating condition. My intent was to discuss incorporating epigenetics into western medicine by examining the XR program developed to treat chronic conditions.</p>
12:45-1:30	Darby Voorhees	<p>Can we use bioluminescence as a sustainable alternative to electrical lighting</p> <p><a href="#">TED Talk Youtube Video</a></p> <p><a href="#">Slides</a></p>	<p>For my project I created my own design for a bioluminescent lamp and made it as a sculpture.</p>
1:30-2:15	Maya Vaughan	<p>How do genetics impact the risk for developing Alzheimer's disease, and what treatment and prevention measures exist for combating the disease?</p> <p><a href="#">TED Talk Youtube Video</a></p> <p><a href="#">Slides</a></p>	<p>I created an educational and informative video about Alzheimer's disease. My video includes information about Alzheimer's and dementia, the genetic risk for Alzheimer's, and a promising new treatment and prevention protocol for Alzheimer's disease as well as how to implement the protocol in general, and in Durango specifically. In addition to creating this video, I</p>



			raised money for donations to local nursing homes, specifically the memory impaired residents. I raised money through go fund me and bought donations that improve the quality of life for the patients.
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**Monday, May 24th: Julian's Classroom or [Google Meet](#) (Ashley's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
9:00 - 9:45	Ainsley Haggart	To what extent do ethical obligations of wealthy nations, combined with the cultural and economic value of immigrants, justify the US open its borders to more refugees and people seeking asylum?  <a href="#">Google Slides Presentation</a>  <a href="#">TED Talk Youtube Video</a>	I worked with Los Companeros in Durango delivering food to immigrants on friday as well as interviewed and created a platform for two immigrants to tell their story.
9:45-10:30	Owen Isenberg	What Is the future of flying and how will it affect society <a href="#">Google Slides</a> <a href="#">TED Talk Youtube Video</a>	I helped fundraise for the Durango derailers by creating different forms of fundraising and helping recrute riders for the race.
10:30-11:15	Ryan Behrends	How Can Mental Health Issues be Accurately Portrayed in a Musical Production  <a href="#">Youtube Video for class website</a>	Ryan wrote a book that portrays a character's journey coping with mental health challenges
11:15-12:00	<b>LUNCH</b>		
12:00-12:45	Leit Schafer	How is climate change affecting snowpack in Colorado and what are the resulting consequences?  <a href="#">Google slides</a> <a href="#">YouTube TED Talk</a>	Did a presentation through Mountain Studies Institute youth summit program.
12:45-1:30	Molly Poitras	How has Covid-19 impacted climate change for the better and worse?  <a href="#">Google Slides</a> <a href="#">YouTube TED Talk</a>	Painting showing the pollution and other covid aspects.



1:30-2:15	Milo Ethridge	Do cordyceps have a place in modern medicine in the US?  <a href="#">PowerPoint Presentation</a>  <a href="#">YouTube TED Talk</a>	I grew a variation of cordyceps militaris
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**Tuesday, May 25th, 2021: Torrey's Classroom or [Google Meet](#) (Sara's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
9:00 - 9:45			
9:45-10:30	Julia Busnardo	How and why do different aspects of visual art evoke different emotions?  <a href="#">TED Talk Youtube Video</a>  <a href="https://docs.google.com/presentation/d/16wc52HVhP0A57XStXO0Xfyv9WJ-7m1bIVp05RFtHQM8/edit#slide=id.p">https://docs.google.com/presentation/d/16wc52HVhP0A57XStXO0Xfyv9WJ-7m1bIVp05RFtHQM8/edit#slide=id.p</a>	A painting of a flower, visually representing aesthetics and symbolism.
10:30-11:15	Colby Doughty	How can we change the stigma of tattoos in our society?  <a href="#">TED Talk Youtube Video</a> <a href="#">Slideshow Link</a>	My action project was making a collage that would symbolize acceptance for tattooing.
11:15-12:00	<b>LUNCH</b>		
12:00-12:45	Garrett Middleton	How can we change the school system to effectively encourage creative thinking?  <a href="#">TED Talk Youtube Video</a>  <a href="#">Slideshow link</a>	A short film/documentary about how the design of classrooms affects student productivity.
12:45-1:30	Amelia O'Toole	What are the main influencing factors behind the American political divide and how does this influence our democracy?  <a href="#">TED Talk Youtube Video</a>  Slides:	I created an educational and inspiring documentary style video geared toward bringing people together in the face of the American political divide. It was crafted in the hopes of getting individuals on each side of the political spectrum to communicate with one another regarding political issues, without the intention of convincing or influencing the other. But

		<a href="https://docs.google.com/presentation/d/109L0ovhVq7htOPSpz8t-1VbqAexTR36CBxJNXOAWujs/edit#slide=id.gdc93b3f446_0_0">https://docs.google.com/presentation/d/109L0ovhVq7htOPSpz8t-1VbqAexTR36CBxJNXOAWujs/edit#slide=id.gdc93b3f446_0_0</a>	with the intent to better understand where our political beliefs stem from and respect our individuality.
<b>1:30-2:15</b>	Zander Goodson	How do companies use color psychology to increase the consumption of their products?  <a href="#">TED Talk Youtube Video</a>  <a href="#">Slides for talk</a>	Designed shirts and used specific colors to maximize sales when I sold them

**Tuesday, May 25th: Julian's Classroom or [Google Meet](#) (Ashley's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
<b>9:00 - 9:45</b>	Patrick Thornton	What are the outcomes on people who partake in extreme sports <a href="#">Google slides</a> <a href="#">TED Talk Youtube Video</a>	Art collage about the now and then of extreme sports displayed at Pedal the Peaks
<b>9:45-10:30</b>	Trevor Harms	Are exosuits needed in society and what needs to change in the future to make them widely used? <a href="#">slides</a> <a href="#">TED Talk Youtube Video</a>	Created a working exosuit that demonstrates how developed this technology is.
<b>11:15-12:00</b>	<b>LUNCH</b>		
<b>12:00-12:45</b>	Cormac Gardner	Should Environmental and Cultural Preservation in the Greater Chaco Region Take Priority Over Oil and Natural Gas Development?  <a href="#">GOOGLE SLIDES:</a> <a href="#">TED Talk YOUTUBE video</a>	I have a great love for history and railroads. Growing up in Durango, I lived in and around the train. I grew up wanting to learn as much as I could about the history of the railroad. This book here is meant to document the original grades of the railroads that criss-crossed Southwest Colorado. Persevering history is very important to me. I created it by taking pictures where I knew the grade had once been. The sign I created, (the photo-book one) the lettering is made of coal from the train, plus mineral spirits. By creating a book and giving it to the train, others interested in our history can see the book.

12:45-1:30	Finn Bridgham	How can cycling be used as a tool of sustainable transport design?  <a href="#">Google Slides</a> <a href="#">TED Talk Youtube Video</a>	
1:30-2:15	Sam Larsen	<a href="#">Google Slides</a> <a href="#">TED Talk Youtube Video</a>	

**Wednesday, May 26th: Torrey's Classroom or [Google Meet](#) (Sara's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
9:00 - 9:45			
9:45-10:30	Daniel Garcia	How can social media companies change their advertising tactics, and limit users from overusing their network in order to operate humanely?  <a href="#">Slides</a> <a href="#">Senior TED Talk</a>	I will be exhibiting my action project by getting 50 printed copies made and displaying them throughout downtown and areas in durango. I will also be getting qr code stickers made with a link that goes directly to a digital copy of my magazine.
10:30-11:15	Alex Pavon	With over half of epileptics still having seizures while on seizure meds- why not try an alternative option; such as cannabis?  <a href="#">Senior TED Talk</a>	My action project was to start a local support group for epileptics and their families. A place to share experiences and help others deal with the ramifications of battling this disease.
11:15-12:00	<b>LUNCH</b>		
12:00-12:45	TED Talk Make-ups		
12:45-1:30	TED Talk Make-ups		
1:30-2:15	TED Talk Make-ups		

**Wednesday, May 26th: Julian's Classroom or [Google Meet](#) (Ashley's Students)**

Time	Student	Thesis Research Question + TED Talk Powerpoint Link	Action Project Details
9:00 - 9:45	Abbey Shepard	To what extent are serial killers born or made?	A 3 episode podcast about Durango Devo and the importance of the coach-athlete

		<a href="#">Google Slides Link</a> <a href="#">TED Talk Youtube Video</a>	relationship and how it is important in the early stages and how it affects athletes in the future
<b>9:45-10:30</b>	Brittan Autry	What are the factors that create food deserts and what can we do to assist them in being able to access healthy affordable food?  <a href="#">Google Slides</a> <a href="#">TED Talk Youtube Video</a>	My action project was a collaboration with Rosie Gurnee to present a proposal for a Garden Dome to be built at the new Fort Lewis Campus. Our proposal includes
<b>10:30-11:15</b>	Ty Tuni	<a href="#">Google Slides</a> <a href="#">TED Talk Youtube Video</a>	
<b>11:15-12:00</b>	<b>LUNCH</b>		
<b>12:00-12:45</b>	TED Talk Make-ups		
<b>12:45-1:30</b>	TED Talk Make-ups		
<b>1:30-2:15</b>	TED Talk Make-ups		

**Friday, May 28th: Julian's Classroom or Google Meet (Ashley's Students)**

<b>11:00-11:45 am</b>	Vincent Lopez	How does internet technology affect society?  <a href="#">Google Slides</a> <a href="#">TED Talk Youtube Video</a>	Vincent developed a device that records the temperatures of freezers and refrigerators onto a spreadsheet and alerts phones when the temperatures are too hot as per Health Department requirements.
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