

Directions: Start reading, viewing and listening to recommended readings, items from the blog or items you find in your own research to support your reading plan. (Put an emphasis on the topic: Collaboration and Co-teaching) Add your first ten items below to share with your classmates by Workshop 2.			
Student Name	Item URL	Topic #1-4	Brief Description
GabrieliHish	<a href="#">Buchanan, S., Harlin, M., Bruce, C. &amp; Edwards, S. (2010). Inquiry-based learning models. Information Literacy and Student Engagement: A literature review. School Libraries Worldwide, 21(3), 1-10. doi:10.1177/1522021410382424</a>	1	This article discusses and looks at the impact of education on our scholars in the broader sense, beyond test scores. It shows that we are not adequately serving our youth and preparing them for the real world, nor are we attending to all their needs beyond academic ones.
GabrieliHish	<a href="#">Zimmerman, P., Stalling, L., Perry, R. &amp; Laurent, D. (2018). Classroom Interaction Redefined: Multidirectional Perspectives on Moving Beyond Traditional Classroom Settings to Promote Student Engagement. Journal of Learning Sciences, 11(1). Retrieved from https://doi.org/10.1177/1056492617716614</a>	1	This article discusses the importance of creating a space that is interactive and allows for critical thinking, application of skills and engagement.
GabrieliHish	<a href="#">Abbas, I. (2013, November 29). Collaboration and co-teaching with your librarian [Video]. YouTube. https://www.youtube.com/watch?v=MS417PzW0</a>	1	This is a video from an elementary school that outlines definitions of collaboration and several reasons as to why a classroom teacher should collaborate with the librarian.
GabrieliHish	<a href="#">Merga, M. K., Ross, S. M., Loh, C. E. &amp; Malpas, A. (2021). Revisiting collaboration within and beyond the school library. New ways of measuring effectiveness. Journal of Library Administration, 61(3), 332-346. https://doi.org/10.1080/01651376.2021.1883370</a>	1	This article addresses the question, how to quantify the effectiveness of co-teaching and collaborating with the school librarian.
GabrieliHish	<a href="#">Loertscher, D. V. (2014). Collaboration and co-teaching. Teacher Librarian, 42(71). https://www.scribbr.com/essays/collaboration-and-co-teaching-librarian-essay/</a>	1	This article addresses how co-teaching units can impact student achievement. The study showed that this collaboration and the collision of expertise between the classroom teacher and librarian had a positive effect.
GabrieliHish	<a href="#">Lefevre, L., Bishop, P., Netesh, S., &amp; Tronzo, J. (2021). Informing the implementation of personalized learning in the middle grades through a school-wide genius hour. Research in Middle Level Education, 45(1), 1-22. https://doi.org/10.1080/10884644.2022.2092797</a>	1	Touches on the importance of catering learning to specific needs and interests while giving scholars some autonomy over their own learning as well.
GabrieliHish	<a href="#">Teaching Methods for Inspiring the Students of the Future   Joe Bahl   TEDxLafayette - YouTube</a>	1	This is a teacher discussing the ways to engage a scholar, they discuss the 4c's however I am curious to connect the "new" 2c's into this work as well.
GabrieliHish	<a href="#">School Librarians United '09 School Collaborators' https://librariansunited.org/conferences/09090909</a>	1	This is a podcast where a librarian talks about the journey to transforming the school into a co-taught philosophy and the steps taken to achieve this.
GabrieliHish	<a href="#">Byrne, R. (2021, April 23). Ten Google workspaces features for teachers you might be overlooking [Video]. YouTube. https://www.youtube.com/watch?v=7113X0pD180</a>	1	This video gives direct tips and ways to implement Google Workspace into your lessons.
GabrieliHish	<a href="#">Ceceron, B. (2019, January 1). How to move from digital substitution to deeper learning. EdSurge. https://www.edsurge.com/news/2019/01/01-how-to-move-from-digital-substitution-to-deeper-learning/</a>	4	Many times in classrooms and in school settings technology is being used at the lower end of application rather than the deeper end. This article talks about ways to use technology for engagement and deeper understanding.
GabrieliHish	<a href="#">Loertscher, D. &amp; Zupnik, J. (October 2008). Collaborating revisited: The replication study. Teacher Librarian 47 (1). https://www.scribbr.com/essays/collaboration-and-co-teaching-librarian-essay/</a>	1	This article explains and elaborates on the connection between learning theory which recognizes that technology connects students to knowledge and people around the world.
GabrieliHish	<a href="#">Loertscher, D. &amp; Kompas, F. (2018). The LIIHTES model: Eight ways to shape and illuminate the contribution of school library learning communities. Learning Communities Press. https://liblit.com/</a>	3	This is a website about the eight different aspects of the LIIHTES (pronounced Lites) Model.
GabrieliHish	<a href="#">Deak, E. (2020, December 16). Building student agency with genius hour. Edutopia. https://www.edutopia.org/building-student-agency-with-genius-hour</a>	3	This article explains and elaborates on the Genius Hour and how it enhances students' engagement as well as provide student autonomy and motivation.
GabrieliHish	<a href="#">Quinlan, S. (2022, April 18). What is design thinking in education? Designing Schools. https://designingschools.org/what-is-design-thinking-in-education/</a>	3	This article explains and elaborates on Design Thinking in schools as well as provides studies that support its impact in the classroom and beyond.
GabrieliHish	<a href="#">Spencer, C. (2022, May 8). Feedback from an AI-driven tool improves teaching. Stanford research blog. Stanford Graduate School of Education. https://gsed.stanford.edu/news/2022/05/08/ai-feedback-improves-teaching</a>	4	This article explains a study conducted by the Stanford Graduate School of Education which found artificial intelligence as a effective teaching tool and improved student engagement.
GabrieliHish	<a href="#">Wharton School. (2023, July 31). Practical AI for instructors and students part 1: Introduction to AI for teachers and students [Video]. YouTube. https://www.youtube.com/watch?v=77241K1A1E0</a>	4	In a series of videos about AI, Wharton School explains the Large Language Models (LLMs) and how to use them when generating with AI.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	I want to delve into how towns and cities across the country have created their own library. This CBS Sunday morning profile inspired me. The idea of checking out tools and even seeds to plant a garden will certainly remind adults that libraries and librarians know how inspire in multigenerational ways. This makes me think of how I can collaborate with some of the creative teachers and survey how I can support their instruction with something unique like the offerings in my video. While power tools are not the question, what about something related to gardening?
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	Years ago, my photography class used to exhibit our photos at the Last Bookstore's flagship, tiny storefront on Main Street in Downtown Los Angeles. The bookstore had now expanded into the space profiled in yet another CBS Sunday Morning profile. Josh Spencer will hold to the facility and preservationist ideals of a bookstore owner, yet the presentation of this information center also embraces creativity in every aspect of this endeavor, yet still magical sanctuary for books. I know it would require permits to construct a book tower and unrealistic logistically for a school setting, yet one wonders if collaboration could occur with science, math, or art teachers and their classes to construct a smaller scaled version of a book sculpture to display on a table. Beauty can come from the books that are brought away from the shelves and discarded books.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	As I created my brain maps, I had to reevaluate the trends to answer a question and came across this article. It was intriguing to read about the idea of "communal testing" to reduce anxiety and shift the mindset around the high stakes testing students and teachers face each year. I hope to explore this idea further in my research and while I have never given an offer or during a lesson, perhaps this "smoothing" / "low-stakes" testing can be used to change the overly negative connotations students (and adults, including me) have around assessment.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	Considering, this article notes his books were "checked out of the DC Libraries 2,028 times—basically, six times a day in one year." Jason Reynolds is the ideal author to write a book about race for kids. I'm including this because I want to continue to explore how libraries can showcase authors and books reflective of the human experience, such as teens with special needs, or parents, and diverse protagonists with varied cultural backgrounds and disabilities.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	I was unfamiliar with the term "genius hour" prior to the mind mapping assignment for this course. I want to study how to implement this and like this article because it provides some concrete examples about how to slowly roll this out in a school library. I really like the idea of showcasing their genius hour work in the form of a library fair. I think this is a beautiful way to collaboratively showcase what transpires in the library in terms of lessons. Unlike the video we viewed in class last week, most school libraries do not have open windows and walls for passersby to observe the engaging work that goes on. Fair highlighting genius hour work is a great way for more library visibility.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	3	While I would prefer a handheld book, I understand we live in modern times and students need access to technology and programs. According to this article, "children's abilities have been underestimated, and that they can deal with far more complex situations than previously acknowledged." This study is important to examine in terms of how librarians can empower young readers through technology as well as physical books and a vibrant physical space.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	3	The cocreation of a housing center by a library fascinates me, especially this article about senior housing. The book clubs collaboration between city officials and library planning sounds ideal and I wonder how this cocreation has developed in other cities.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	One of my SSU peers informed me about this wonder of a library and I want to read more about the collaborative programs offered there each day. This is truly a multigenerational experience for all ages.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	I really learned from this blog, especially working in a school library that has lacked a consistent teacher librarian for years. While the first two years of my experience in this library involved weaving, inventorying, and improving the collection with many class visits in between, I believe the upcoming years will feature more collaborations with the teachers on campus now that the presence of a librarian feels more steady and consistent. As the article states, teachers become used to operating solo with librarians who shuffled between school libraries due to budget cuts and staffing. Each year, teachers will hopefully enjoy collaborating with the library and realize there is important work awaiting within the space.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	This article dives into three cases that were studied due to a spike in English Language Learners and their needs in education being different than those of a native English speaker. While this is the main reason the study was launched it does speak extensively about the needs of teachers, the lacking support in the classroom, and what could be done in the future to help. I think that many practices talked about here can be used in many educational situations.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	This is an article that lists 10 "pro tips for project design and delivery". It was on the blog and I think it's helpful for breaking down the tech filled world we live in a way that is more approachable for classroom and for teachers. Taking some of these tips for my writing groups.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	I was looking up different educational theories and came upon this list from the University of Florida. It breaks down older and newer theories and how they can work together or separate in the classroom.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	I visited this museum in my Santa Fe location and after looking at Elizabeth's (the list above mine) video about the Corcoran Library, I kind of felt in this hole to create learning and remembered visiting this museum in 2017. The experience, if chosen to be done the way I intended, involves critical thinking and collaboration as well as creative out of the box thinking and observation. Their focuses are creative inclusion, the healing power of art, and experiential and innovative education.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	As a Denver native I am very familiar with the Denver Art Museum's learning center. I used it as a child, teen, and adult, and educator. It is a great resource. They even have lesson plans (the page I attached) students can learn about history, art, and even real life applications of science and math as involved.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	One of the first teaching jobs I ever applied to used this system and after filling out the application and everything that came with it, the concept seemed to stick even if the application was a bust. Interdisciplinary education brings all lines of study together, overlaps, and intertwines them. It is helpful in the remembering of information but also in the practical application of said information.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	3	This article works through the basics of design thinking.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	3	This article discusses the inquiry based education and the role of the teacher. It asks questions as to the benefits and how it is used.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	4	I wanted to find a recent article to help me with my question 4 research and this one is from January 2024. It dives into this video focuses on the issues people have had with technology in the classroom and how teachers can successfully The Frutkin documentary "A Circle Drawn" follows the story of a teacher and students who participate in an experiment that focuses on discrimination and racism. For context, the experiment was conducted a day after Dr. King's assassination in 1968. The video is meant to help the teacher to believe that black-eyed students are "better" and "smarter" than brown-eyed students. What happens next is what might've been expected—the brown-eyed students begin to experience discrimination and talking by black-eyed students. Over time, other people conducted this experiment with adults and it was observed to cause conflict amongst the students.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	This is a student blog that focuses on Paolo Freire's concept of critical pedagogy, a theory that emphasizes the struggle against and consciousness of the hegemony or dominance of one group over another. This consciousness can promote social justice led by teachers and students alike.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	The article discusses the benefits of co-teaching for student teachers or teacher candidates during their student teaching experience. As someone who experienced student teaching, I can definitely see how much more I could have learned sooner had my master teachers co-taught with me. Rather than co-teaching, I typically taught the master teacher lessons on my own while the master teachers sat at their desks and wrote observations and recommendations for improvement. Co-teaching can help teacher candidates learn best practices from experienced teachers to be of better service to students.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	The article discusses the collaboration of classroom teachers and teacher librarians and provides a number first-hand accounts from teacher librarians and their experiences with collaborating with classroom teachers. While several factors play into the success of this collaboration, the collaboration success varies. Some librarians struggle to gain classroom teacher interest and others do okay depending on school administration and resources.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	2	Students with intellectual and extenuating disorders require programs in schools that safely support and meet state student challenges. The article states that students need an experience that meets their needs and that students need consistency, which many schools lack. Nonremedial, providing safe learning environment for students is one focus in the article.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	11 mostly theoretical technology applications for online and hybrid teams (can be used by individual, collaborative, and published student work) All of these applications can be used by school librarians to engage a number of students and individuals.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	This study examines various technologies that determine the most learning, motivation, enjoyment, and career in application spaces for students. It is found that a variation of video, powerpoint, internet, and lecture can determine learning engagement.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	NPR's podcast on technology discusses several potential questions about AI and how it is changing our lives. In many ways, it still amazes how technology will continue to change the future of our lives.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	This short article discusses how students can use maker spaces in school libraries for creating through problem solving.
GabrieliHish	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	The Edutopia article discusses how teachers can trigger inquiry for students. Oftentimes, by frontloading and providing information to students that they do not need and autonomy is taken away to begin learning.
Jana Felt	<a href="#">Baill, A. (2023, August 31). Librarians Can Play a Key Role in Supporting Artificial Intelligence in Schools. Retrieved from https://www.libraryjournal.com/2023/08/31/librarians-can-play-a-key-role-in-supporting-artificial-intelligence-in-schools</a>	4	Discusses the pros and cons of AI and how librarians can help with AI use.
Jana Felt	<a href="#">Carson, J., J. Madras, J. M. Baranick, M. A. Baranick, A. (2021). Effect of Technology on Student Learning. Turkish Online Journal of Educational Technology (TOJET), 20(1), 105-113. Retrieved from https://files.eric.ed.gov/fulltext/EJ128079.pdf</a>	1	A study looking at the effect of technology on student learning in K-12 and how overall there are more positive than negatives. Although educators still like they needs more support.
Jana Felt	<a href="#">Gross, H. &amp; Fischman, G. E. (2021). Who needs global citizenship education? A review of the literature on teacher education. Journal of Teacher Education, 72(2), 225-236. https://doi.org/10.1177/0022027120950154</a>	1	A systematic review of empirical studies about Global Citizenship Education in the last ten years and what are the major patterns and themes that emerged.
Jana Felt	<a href="#">https://youtu.be/4DnDCkxwYt0#share</a>	1	A YouTube video going over 30 different education technology tools for activities, projects, quizzes, and other needs.
Jana Felt	<a href="#">Lewin, J. (2022). The Diffusion Process of EdTech: A Deconstruction and Re-Learning in Europe, Asia, and America. In J. Holsler (Ed.), Cases on Technology in Education from Classroom 2.0 to Society 5.0 (pp. 24-31). IGI Global. https://doi.org/10.4018/978-1-799-69373-1.ch003</a>	4	Discusses the effects of COVID-19 on learning and the highlighting of EdTech divide.
Jana Felt	<a href="#">Linzer, P. &amp; Sun, G. A. (2021). Psychological and emotional effects of digital technology on children in COVID-19 pandemics. Brain Sciences, 11(9), 1126. https://doi.org/10.3390/bs11091126</a>	4	A study looking at the effect of increased technology use during the pandemic on children in regards to their psychological and emotional health.
Jana Felt	<a href="#">Mackay, B. &amp; Markle, I. (2021, February 8). Play All Over the Classroom: Addressing AI in Classrooms. Strategies for Teaching and Learning in a ChatGPT World. Retrieved from https://blogs.baylor.edu/teaching-learning/article/2021/02/08/play-all-over-the-classroom-addressing-ai-in-classrooms</a>	4	An article about the panic surrounding AI and how to go about implementing using AI.
Jana Felt	<a href="#">Parsons, M. J., Frank, V., Baranick, A., &amp; Baranick, A. (2022). Pandemic: More Than Stories - Classroom 2.0 in a Blended Learning Context. In J. Bishop (Ed.), Cases on Technology in Education From Classroom 2.0 to Society 5.0 (pp. 62-70). IGI Global. https://doi.org/10.4018/978-1-799-69373-1.ch004</a>	4	A chapter about how podcasts can be used in the classroom and how student led podcasts can be a powerful teaching tool.
Jana Felt	<a href="#">U.S. Department of Education. (2024, January). Digital Divide. In Eds. A Call to Action for Closing the Digital Divide. (Universal Design for Learning). Retrieved from https://edtech.ed.gov/sites/default/files/2024/01/20240101.pdf</a>	4	A chapter discussing what the digital divide is and ideas on how to help close it including using projects of UDL. (Universal Design for Learning).















Category	Item	Description
General	1. General	1.1. General
	2. General	2.1. General
	3. General	3.1. General
	4. General	4.1. General
	5. General	5.1. General
	6. General	6.1. General
	7. General	7.1. General
	8. General	8.1. General
	9. General	9.1. General
	10. General	10.1. General
Finance	1. Finance	1.1. Finance
	2. Finance	2.1. Finance
	3. Finance	3.1. Finance
	4. Finance	4.1. Finance
	5. Finance	5.1. Finance
	6. Finance	6.1. Finance
	7. Finance	7.1. Finance
	8. Finance	8.1. Finance
	9. Finance	9.1. Finance
	10. Finance	10.1. Finance
Operations	1. Operations	1.1. Operations
	2. Operations	2.1. Operations
	3. Operations	3.1. Operations
	4. Operations	4.1. Operations
	5. Operations	5.1. Operations
	6. Operations	6.1. Operations
	7. Operations	7.1. Operations
	8. Operations	8.1. Operations
	9. Operations	9.1. Operations
	10. Operations	10.1. Operations
Marketing	1. Marketing	1.1. Marketing
	2. Marketing	2.1. Marketing
	3. Marketing	3.1. Marketing
	4. Marketing	4.1. Marketing
	5. Marketing	5.1. Marketing
	6. Marketing	6.1. Marketing
	7. Marketing	7.1. Marketing
	8. Marketing	8.1. Marketing
	9. Marketing	9.1. Marketing
	10. Marketing	10.1. Marketing
Human Resources	1. HR	1.1. HR
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	4. HR	4.1. HR
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	8. HR	8.1. HR
	9. HR	9.1. HR
	10. HR	10.1. HR
Legal	1. Legal	1.1. Legal
	2. Legal	2.1. Legal
	3. Legal	3.1. Legal
	4. Legal	4.1. Legal
	5. Legal	5.1. Legal
	6. Legal	6.1. Legal
	7. Legal	7.1. Legal
	8. Legal	8.1. Legal
	9. Legal	9.1. Legal
	10. Legal	10.1. Legal
IT	1. IT	1.1. IT
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Other	1. Other	1.1. Other
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	6. Other	6.1. Other
	7. Other	7.1. Other
	8. Other	8.1. Other
	9. Other	9.1. Other
	10. Other	10.1. Other

Category	Item	Description
General	1. General	1.1. General
	2. General	2.1. General
	3. General	3.1. General
	4. General	4.1. General
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Finance	1. Finance	1.1. Finance
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Operations	1. Operations	1.1. Operations
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Human Resources	1. HR	1.1. HR
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Legal	1. Legal	1.1. Legal
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	3. Legal	3.1. Legal
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	6. Legal	6.1. Legal
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	9. Legal	9.1. Legal
	10. Legal	10.1. Legal
IT	1. IT	1.1. IT
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Other	1. Other	1.1. Other
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	10. Other	10.1. Other



Topic	Key Concepts	Notes
Introduction	Definition of the field, scope, and objectives.	Overview of the course structure and learning outcomes.
Mathematical Foundations	Algebra, Calculus, and Linear Algebra.	Review of essential mathematical tools and techniques.
Probability and Statistics	Probability distributions, Hypothesis testing, Regression analysis.	Application of statistical methods to real-world data.
Optimization	Linear programming, Non-linear optimization, Gradient descent.	Formulation and solution of optimization problems.
Machine Learning	Supervised learning, Unsupervised learning, Deep learning.	Implementation and evaluation of machine learning models.
Computer Systems	Operating systems, Networks, Security, Cloud computing.	Understanding the underlying infrastructure of modern computing.
Emerging Technologies	Artificial Intelligence, Quantum computing, Blockchain, IoT.	Exploration of cutting-edge research and industry trends.
Professional Skills	Communication, Teamwork, Problem-solving, Ethics.	Development of soft skills necessary for a successful career.
Final Project	Independent research or application of learned concepts.	Integration of knowledge and skills into a practical project.

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Probability and Statistics	Probability distributions, Hypothesis testing, Regression analysis.	Application of statistical methods to real-world data.
Optimization	Linear programming, Non-linear optimization, Gradient descent.	Formulation and solution of optimization problems.
Machine Learning	Supervised learning, Unsupervised learning, Deep learning.	Implementation and evaluation of machine learning models.
Computer Systems	Operating systems, Networks, Security, Cloud computing.	Understanding the underlying infrastructure of modern computing.
Emerging Technologies	Artificial Intelligence, Quantum computing, Blockchain, IoT.	Exploration of cutting-edge research and industry trends.
Professional Skills	Communication, Teamwork, Problem-solving, Ethics.	Development of soft skills necessary for a successful career.
Final Project	Independent research or application of learned concepts.	Integration of knowledge and skills into a practical project.

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<p><b>Section 2: Project Overview</b></p> <p>2.1. Project Background</p> <p>2.2. Objectives and Goals</p> <p>2.3. Scope and Deliverables</p> <p>2.4. Key Stakeholders</p>	<p>The project background details the context and rationale for the project's initiation. It highlights the current challenges and opportunities that the project aims to address.</p> <p>Clear objectives and goals are defined, providing a measurable framework for project success. The scope and deliverables are outlined to set realistic expectations.</p> <p>Key stakeholders are identified, including sponsors, steering committees, and project team members, along with their roles and responsibilities.</p>
<p><b>Section 3: Project Management</b></p> <p>3.1. Project Organization</p> <p>3.2. Roles and Responsibilities</p> <p>3.3. Communication Plan</p> <p>3.4. Risk Management</p>	<p>The project organization structure is defined, showing the reporting lines and organizational chart. Roles and responsibilities are clearly assigned to ensure accountability.</p> <p>A communication plan is established, detailing the frequency, methods, and channels for project updates and reporting.</p> <p>Risk management strategies are outlined, including identification, assessment, and mitigation of potential risks to the project's success.</p>
<p><b>Section 4: Project Execution</b></p> <p>4.1. Work Breakdown Structure (WBS)</p> <p>4.2. Gantt Chart</p> <p>4.3. Resource Allocation</p> <p>4.4. Budget and Cost Management</p>	<p>The Work Breakdown Structure (WBS) decomposes the project into smaller, manageable tasks and sub-tasks, facilitating detailed planning and control.</p> <p>A Gantt chart is provided to visualize the project schedule, showing task dependencies, durations, and critical path activities.</p> <p>Resource allocation is detailed, showing the distribution of personnel, equipment, and other resources across project tasks.</p> <p>Budget and cost management strategies are outlined, including cost estimation, budgeting, and monitoring to ensure financial control.</p>
<p><b>Section 5: Project Monitoring and Control</b></p> <p>5.1. Performance Metrics</p> <p>5.2. Reporting Mechanisms</p> <p>5.3. Change Management</p> <p>5.4. Issue Resolution</p>	<p>Key performance metrics (KPIs) are defined to track project progress and performance against the project plan and objectives.</p> <p>Reporting mechanisms are established, detailing the frequency and format of project status reports and communication.</p> <p>Change management processes are outlined, providing a structured approach to handling project changes and ensuring minimal impact.</p> <p>Issue resolution procedures are defined, detailing the steps for identifying, analyzing, and resolving project issues and risks.</p>
<p><b>Section 6: Project Closure</b></p> <p>6.1. Final Review</p> <p>6.2. Project Handover</p> <p>6.3. Post-Project Evaluation</p> <p>6.4. Lessons Learned</p>	<p>A final review is conducted to assess the project's overall performance, achievements, and areas for improvement.</p> <p>Project handover procedures are defined, ensuring a smooth transition of project deliverables and knowledge to the operational teams.</p> <p>Post-project evaluation is performed to analyze the project's outcomes and the effectiveness of the project management processes.</p> <p>Lessons learned are documented, providing valuable insights and best practices for future project management.</p>

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Year	Topic	Key Findings
2017	Global trends in health care delivery	Shift from hospital-based care to ambulatory care, driven by patient preference, cost pressures, and technological advances.
2018	Health equity and social determinants of health	Addressing disparities in health outcomes through community-based interventions and policy changes.
2019	Value-based care and population health	Transition from fee-for-service to value-based models, emphasizing patient outcomes and cost efficiency.
2020	Impact of COVID-19 on the health care system	Unprecedented challenges for hospitals, including surges in patient volume, resource shortages, and financial strain.
2021	Telehealth and digital health technologies	Accelerated adoption of telehealth services, particularly in rural and underserved areas.
2022	Workforce shortages and burnout	Increased focus on addressing healthcare workforce challenges through recruitment, retention, and wellness programs.
2023	Artificial intelligence and precision medicine	Exploring the potential of AI in diagnosis, treatment, and drug discovery, alongside personalized medicine approaches.
2024	Healthcare reform and policy changes	Continued efforts to improve access, affordability, and quality of care through legislative and regulatory actions.
2025	Healthcare innovation and investment	Increased venture capital and private equity investment in healthcare startups, particularly in digital health and biotech.
2026	Global health and international development	Addressing global health challenges, including infectious diseases, maternal and child health, and non-communicable diseases.
2027	Healthcare sustainability and environmental impact	Reducing the carbon footprint of healthcare facilities and promoting sustainable practices throughout the supply chain.
2028	Healthcare ethics and patient autonomy	Strengthening ethical frameworks and ensuring patient autonomy in decision-making, particularly in end-of-life care.
2029	Healthcare regulation and oversight	Enhancing regulatory oversight and transparency in healthcare delivery, particularly in pharmaceuticals and medical devices.
2030	Healthcare system resilience and preparedness	Building a more resilient healthcare system capable of withstanding future crises and disruptions.
2031	Healthcare workforce diversity and inclusion	Promoting diversity and inclusion within the healthcare workforce to improve patient care and organizational performance.
2032	Healthcare innovation ecosystem	Fostering a collaborative innovation ecosystem involving academia, industry, and government to accelerate healthcare advancement.
2033	Healthcare system integration and interoperability	Improving data interoperability and system integration to enhance care coordination and patient engagement.
2034	Healthcare system transformation and digitalization	Continued digital transformation of healthcare systems, including cloud migration and data analytics implementation.
2035	Healthcare system optimization and efficiency	Optimizing healthcare operations and resource allocation to improve efficiency and reduce costs.
2036	Healthcare system innovation and research	Supporting research and development in healthcare innovation, particularly in areas like gene editing and regenerative medicine.
2037	Healthcare system sustainability and environmental impact	Continued focus on reducing the environmental impact of healthcare operations and promoting sustainable practices.
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