

"THE future cannot be predicted, but preferred futures can be envisioned and created."

Dator, J. (1995) What Future Studies is, and is not.

What will our digital society look like in 2040? How will we live and love, how will we shape teaching and work, and how will our legal system change?

The *twentyforty approach* refers to a way of working that was developed in the 2019 HIIG project *twentyforty*. In an international essay competition, scientists were given a platform to create utopias beyond usual research. The visionary stories address the opportunities and challenges that digital technologies pose for society in the future of 2040. Along the five categories (love, live, learn, work and rule), thirteen scholars developed knowledge-based scenarios for the year 2040.

This exercise invites you to try the *twentyforty approach* and report as a journalist from the year 2040.

ASSIGNMENT	This tool introduces you to creative writing and speculative thinking using the twentyforty approach. Decide on one aspect – Live, Love, Learn, Work, or Rule – from the year 2040 that has changed and improved due to a digital development and write an informative article: develop your own utopian future scenario driven by digital change within society. Speculate, criticise, imagine and develop!
LEARNING GOAL	This assignment encourages you to apply speculative thinking and make the future more commonplace. It is an invitation to research, think ahead, and write creatively.
PREPARATION	No preparations are necessary other than providing writing materials and access to the Internet.

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LET'S START	Imagine you are a journalist reporting from 2040. You are writing an article on a new digital development or possible impacts of such a development on our society. Your article is intended to develop a desirable vision of the future: it could be a solution to a current or emerging problem. What are the new innovations, changes or curiosities in the world of work, government policy, love and relationships, or the educational system in 2040?	
STEP 1	Choose one of the 5 <i>twentyforty</i> categories – Live, Love, Learn, Worl Rule – and write an imaginary article on a topic of your choice: It is the year 2040. What is the headline of your article? What prob achievement, or news does the article discuss? Try to be as precis possible. To do this, it is advisable to start with a factual situation problem from today. How will this situation or problem have develor in 2040? You are free to write just a short breaking news note, a cover story interview, or a long report. Don't be afraid to find a format that suits y EXAMPLES Are there new dating apps in 2040? How do they work? Imagine that algorithms affect our choice of partners and form relationships. > See how Kamel Ajji answered this question in his story 'The En Feelings' on twentyforty.hiig.de Imagine if NLP (Natural Language Processing) – today used commercial and political manipulation – was used for sustainable positive purposes! > Emma Beauxis-Aussalet has developed a future scenario in relation this question. Will there be more sophisticated laws that can better protect our pri online? What would such laws look like? > check out Claire Bessant's answer in: 'What would you rather be: A pri Have or a Privacy Have-Not?' How does our healthcare system work? How do we communicate? there new forms of transportation? How sustainable has our soor become? How has schooling changed and by what?	e as n or oped y, an ou. s of d of for and on to ivacy ivacy

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MANUAL	Newspaper from 2040	4
STEP 2	Find answers: Why and how did your issue occur? Who is it affecting how? Who is profiting from it? Research and find 2–4 sources (suc studies, paper, articles, podcasts, talks) on which you will base your an on. Our extensive collection of materials, the <i>Making sense of the du</i> <i>society</i> compendium, can help you with this. > www.hiig.de/en/making-sense-compendium	ch as rticle
STEP 3	 Try to identify factors that could help your vision come true. How cdigital technology help to solve your issue? What is (not) a solution? can it be modeled? How should it be defined to be resolvable? To develop a plan to achieve your vision, you could think of critical fact in three categories: Existing processes and systems that are moving in the direction of your vision, and how they can be enhanced and maintained. Existing processes and systems that stand in the way of your preferred future, and how they can be overcome or marginalised. New processes and systems that do not currently exist that need to be envisioned, invented, nurtured, and maintained to help achieve your preferred future. When writing your article, identify critical knowledge gaps that need to society and the environment. Try to pass on as much knowledge possible to understand your chosen problem and your future scenario. 	How ctors of to e co be ficial ge as
	 CHARACTERISTICS OF A TEXT UNDER JOURNALISTIC CRITERIA First things first: The questions "who", "what", "when", "where" and "which source does the news come" should be answered right at beginning of the article. Message, news, report: These texts do not evaluate or express an opin They are fact-based and provide news. Their function is to provide reawith knowledge about events that are both new and informative for the Personal and individual impressions and opinions are incorporated this type of text through interview voices. Op-ed, comment, editorial letter: An op-ed, short for "opposite the edit page", is a written prose piece in a newspaper or magazine expressing opinion of an author. 	t the nion. iders nem. into

MANUAL	Newspaper from 2040	5
	 HINTS ON WRITING SCENARIOS OF PREFERRED FUTU General guiding questions to help you shape your article: What is the title of your article? Try to make it provocative and interesting Who is your article aimed at? Does it appear in a scientific newspaper, a daily newspaper, and portal, or on social media? What is the specific problem area you are describing? What is the specific problem area you are describing? Who institutions are involved in your case? Are there pros and cons? Atimeline to 2040 Construct a timeline of the way developments should unfold as you towards your preferred future in the year 2040. This timeline can be describe your article as you can go into detail about various interm steps and incidents that led to your vision. On the timeline identify: Things that almost certainly will happen between now and 2040 (such as elections, inventions, developments, and sports or soc events). Technological developments that seem likely/possible by 2040 or basis of existing knowledge, research and funding. Technological and other developments that require plausible breakthroughs to happen by 2040. Technological and other developments that seem highly unlikely but which would help you achieve your preferred future if they w occur. 	
STEP 4	If you have worked in a group, read your articles to each other. Dis your scenarios. Alternatively, send your articles to people you would like to discuss scenario with.	

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MANUAL		Newspaper from 2040	6
	Q.	 GUIDING QUESTIONS Where do you see opportunities? Risks? How could your ideas be developed further? Where do you see commonalities in your developed future visions Where do they differ? 	5
		CONTINUE WITH OUR TOOLBOX If you have worked on the toolbox in the order we suggested, this is th	ne
		last exercise. However, the exercises can also be done in other orders. If you want to delve deeper into digital futures, try the other exercises from our toolbox.	

EXTRAS	Newspaper from 2040	7
SOURCES	Compendium: Making Sense of the Digital Society ™+DE https://www.hiig.de/en/making-sense-compendium Storytelling and Future ™ McDowell, A. (2019) Storytelling shapes the Future. <i>Journal of Futures</i> Studies. DOI:10.6531/JFS.201903_23(3).0009, https://jfsdigital.org/arti and-essays/vol-23-no-3-march-2019/storytelling-shapes-the-future Hints on writing scenarios of preferred futures ™ Dator, J. (1994) Some hints on writing scenarios of preferred futures, htt www.futures.hawaii.edu/publications/futures-theories-methods/ WritingScenarios1994.pdf Twentyforty: Download of the publication ™ Fecher, B. (2020) Twentyforty – Utopias for a digital society. DOI: 10.52 zenodo.3678207, https://twentyforty.hiig.de	:cles- :p://
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