

Topic	Content	WebT
Organic food vs. fast food	<p>Compare and contrast the different positive and negative aspects of organic and fast food.</p> <p>Highlight the importance of organic food.</p> <p>Present some (inter) national organic food labels.</p>	Recipe upload, Recipe finder based on list of ingredients.
Communication – now and then	<p>Create a timeline presenting the most important steps in the development of communication.</p> <p>Present the different types of communication.</p> <p>Outline their advantages and disadvantages.</p> <p>Speculate about its future.</p>	Chat
Love at first click	<p>Compare and contrast different online dating websites.</p> <p>Present their positive and negative aspects.</p> <p>Explain why they have become (so/ quite) popular.</p>	Dating platform
Self-driving cars	<p>Create a timeline of the development of self-driving cars.</p> <p>Illustrate the technology used in autonomous vehicles.</p> <p>Outline their pros and cons.</p> <p>Assess the safety and security aspects.</p> <p>Present the companies that are leading edge in this sector.</p>	<p>Questionnaire: “Do you prefer DL over driven cars?”...</p> <p>Game: Videos with traffic signs coming up. User has to memorize these.</p>
Internet of Things	<p>Explain the term and give some examples.</p> <p>Illustrate the positive and negative impact it has on people’s daily lives.</p> <p>Assess whether humankind really needs this powerful technology.</p> <p>Say in which part of your daily life you could imagine using it.</p>	Dash-Buttons. Programmable? Fallback: simulate Dash button

Industrialisation – now and then	<p>Compare and contrast the First/Second Industrial Revolution and Industry 4.0.</p> <p>Illustrate what is meant by Industry 4.0 and explain what service models are available.</p> <p>Discuss the social implications the Industrial Revolutions have had as well as their influence on working conditions, employability etc.</p> <p>see e.g. Schwab: The Fourth Industrial Revolution, World Economic Forum 2016.</p>	<p>Cloud Computing: Video/Photo/Whatever sharing platform?</p> <p>Business service for companies, where suppliers and customers are included.</p> <p>Dash-Buttons again?</p>
Augmented Reality	<p>Explain the term and give some examples.</p> <p>Illustrate the positive and negative impact it has on R&D as well as on people's daily lives.</p>	<p>Photo tagging. Tag parts of an image. Save the position. In presentation mode the tag pops up on mouse over.</p>
Living in a digital world	<p>Compare and contrast virtual vs real-life friendships.</p> <p>Discuss the influence of ongoing digitalization on social behavior and consumer behavior.</p> <p>see e.g. Eiselsberg: #Social Media Revolution, Trauner 2016; Turkle: Alone Together, Basic Books 2012.</p>	<p>"How digital are you". Build a questionnaire which analyzes your social behavior and compare it to others.</p>
Social Media	<p>Compare and contrast different social media platforms.</p> <p>Outline their importance for teenagers.</p> <p>Illustrate the negative effects on young people.</p> <p>see e.g. Eiselsberg: #Social Media Revolution, Trauner 2016; Turkle: Alone Together, Basic Books 2012.</p>	<p>Build a comparison app for the different Social Media platforms which suggest the right platform for your needs and help you to choose the one best for you (based on the USP of the social media platform (e.g. Marketing activities, finding old friends, photography, ...))</p>

Online marketing – marketing in the virtual world	Describe different offline- and online-marketing tools available. Analyze their main features and decide which purposes, business, target groups each of them might be most suitable for.	Write a tool for Email Marketing campaigns, where you can upload contacts (Email, first name, family name, ...) and send bulk emails to those contacts. Additionally, a double-opt-in newsletter registration could be implemented
Energy and climate	Explain what is meant by the CO2 footprint and discuss if it is of any importance to know/think about it when using certain means of transport, when buying certain products, when using certain services etc. Discuss any ideas for reducing your personal CO2 footprint and see whether this might influence your everyday life.	Tool which calculates the CO2 footprint of students (using public transport, moped, bicycle) and compare it to the footprint of an average adult.
Netiquette	Outline the basic rules of Netiquette. Explain what social bots, trolls, fake news and hate posts are and illustrate what influence they might have on everyday life as well as on politics, economy etc. see e.g. Die Presse, #RESPEKT http://diepresse.com/home/kultur/medien/5236206/	Create a simple social bot which posts on Facebook. Idea from: http://frank-it-beratung.com/blog/2016/12/15/tutorial-ein-social-bot-im-eigenbau-mit-csharp/ using https://developers.facebook.com/docs/javascript
Security on the net	Explain what ID fraud is. Present the most common ways of identity theft. Illustrate the consequences for the victims of ID theft. Suggest ways / measures to protect one's identity. (How can safety and privacy on the net be ensured?)	
Work-Life-Balance	Explain what a good work-life balance is and highlight its importance. Outline its positive and negative aspects.	

	Suggest ways / methods / activities to keep / improve one's work-life-balance.	
Sports	<p>Present different types of sports (leisure / extreme sports). Outline the benefits of doing sports. Illustrate the negative aspects of being a couch potato. Point out the importance of having a balance between physical and mental activities. Suggest some places where (unusual) leisure / extreme sport could be done.</p>	Simulate sport in the web (Skiing challenge, ski jump (keep player in balance), etc.)
Streaming music	<p>Give an overview of different services available and compare their user-friendliness. Discuss any legal restrictions when using those services. Explain the technology being used by Spotify and others.</p>	Something with the Spotify and/or SoundCloud API. Unify access? One page which looks on both platforms?
Streaming movies	<p>Give an overview of different services available and compare their user-friendliness. Discuss any legal restrictions when using those services. Explain the technology being used by Netflix and others.</p>	