

**Wichtig:**

- Schickt mir die Aufgaben zum Abgabetermin per Mail:
  - o **den j barn (at) gmx (punkt) de** → ohne Leerzeichen, (at)=@ und (punkt)=.
  - o Ich schreibe die Adresse so, damit Spambots sie nicht erkennen können.
- Du kannst mir die Aufgaben als Foto deines Englischheftes, Workbooks, Vokabelheftes oder als Worddatei schicken.
- Es gibt manchmal auch eine Hilfe oder einen Tipp für die Aufgaben, du entscheidest, ob du die Hilfe nutzen musst oder nicht. Wenn du eine Aufgabe nicht abgibst, wird das als Note 6 gewertet.
- Gibst du eine Aufgabe ohne triftigen Grund zu spät ab, dann erhältst du einen Hausaufgabenstrich.
- Ihr könnt gerne das Internet als Hilfe nutzen. Aber keine Übersetzungsmaschinen, das ist dann keine eigene Leistung und fällt auch meist schnell auf.
- Wenn Fragen sind, dann meldet euch!

**Stay healthy! – All the best, Ms Barnes ☺**

**A better world: Emma's World**

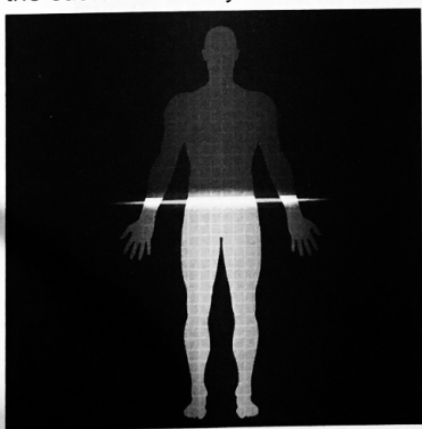
	<b>Excercise/Task</b>	<b>Help</b>
1.	book p. 56 ex 2ab:	Schreibe Textbeispiele mit Zeilenangabe ins Heft, erkläre dann, was daran positiv oder negativ ist.
2.	Vocabulary book p. 228: watch – head-mounted display	

3.	<p>Workbook p. 40 ex 2abc</p> <p>- <i>write a short text (50-70 words) for ex 2c</i></p>	<p>Wähle bei c) mindestens drei Erfindungen aus:</p> <p><i>I would like to try ... because... furthermore it can help ... . Another useful invention would be ... . ...</i></p>
4.	<p>Workbook p. 41, ex 3a</p> <ul style="list-style-type: none"> <li>- guess when each invention was invented (year)</li> <li>- listen and find out if you were right</li> <li>- listen again and fill in the details about the invention</li> </ul>	<ul style="list-style-type: none"> <li>- Falls nicht bekannt: die Hördateien sind Online, schaut dazu ganz vorne im Workbook.</li> </ul>
5.	<p>Workbook p. 79, ex 3</p> <ul style="list-style-type: none"> <li>- pick 5 inventions</li> <li>- find out when they were invented and at least one interesting detail (→internet)</li> <li>- write the information into a timeline</li> </ul>	
6.	<p>Worksheet and text „Future visions“</p>	<p>If you have not got a printer at home, you will have to write it into your exercise book.</p>

## Future visions

**A** What will the future look like? It's a question that people have been asking themselves for thousands of years, and futurologists are people that think about this question all the time. Some think that in the future, we'll no longer think of clothes in terms of S, M, L. Instead, clothes will fit you perfectly, and you will decide what they should look like. Our daily commute to work will be faster, safer, and easier because we'll all be driven around by driverless cars. After a long day at work, making dinner will be easier than ever. Simply press a button on a box in your kitchen, and a pizza will pop out. Or how about lasagne? Life in this new world will be easier, faster and more sustainable. And it's coming sooner than you think. In fact, it's nearly here.

**B** How many times have you bought a pair of jeans, even though the legs were a little too long or too short? Maybe the T-shirt you bought would have been nicer in blue, not green? Futurologists think that the fashion industry is going to change from clothes that other people designed for you, and that you have to try on, to completely customizable products that fit you perfectly. The first step is to use 3D body scanners, for example like Microsoft's Kinect, to create a digital map of the customer's body.



Then the fun part begins: using a digital image of yourself, you can pick out the style, fabric, and colour of your clothes. Shopping will no longer be about trying on different jeans to see what they look like on you and to find a size that actually fits. Once you've decided what you like, you can send your order off to be created and the final product will arrive back at your home.

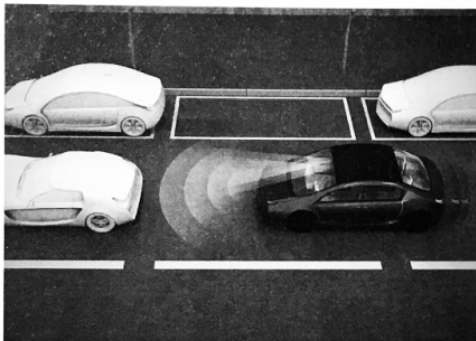


You can already try out these body scanners in expensive stores around the world. These stores want shoppers to find clothes that fit them faster, so perhaps they will buy more. Also, online shops are starting use body scanning technology to reduce the high number of returns that people make when they shop online. That will be better for the environment, because sending clothes around the world, only for them to be sent back, is a waste of energy and resources.

**C** You don't need to be a futurologist to know that cars are transforming from a product you buy for yourself into a service that you buy when you need it. Already you can use a large number of different car sharing services if you live in a bigger city. These are cars that can be rented for a short period of time, driven around, then parked and left when you're finished. And you've probably heard of driverless cars, which are already in use today. But the future will be a little different: With mostly driverless vehicles on the roads, we won't need car parks because cars will always be in use. It's still similar to car sharing, because they can be rented and driven around. But the difference is that once the driver has left the car, the car can drive off by itself, for example to pick up groceries for the old lady who lives next to you and can't leave her house anymore.



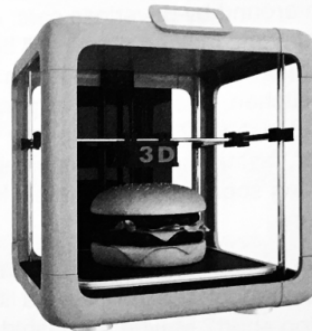
The advantages of driverless cars don't end there. They will reduce traffic accidents because people drive when they are angry, tired, drunk, etc. The roads will be safer for everybody. Also, people will have more time for sleeping, playing or working in cars. And you don't have to be 16 to get around by yourself, or for an older person whose driving licence has been taken away: they can still get to where they need to go. And if nobody needs the car at all, it can drive itself to a car park that is a long distance away, so that it is out of the way.



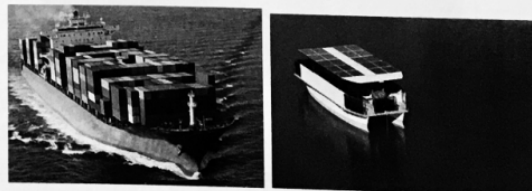
**D** After all that driving around, how about dinner at the touch of a button? It's already possible to buy several different 3D food printers today. What's a food printer? It's a little like the gadget in Star Trek that created food on command, except that food printers today can't create food out of thin air. The technology uses steel capsules filled with raw ingredients, which can then be printed in a specific pattern, as many times as you want. You still need to cook the food after it has been printed, but the pattern will always be exactly the same, so it's very useful for restaurants. Think, for example, of a restaurant where there are 100 orders of ravioli in one evening: clearly you want to have the same design over and over again.



In the future, food printers will be able to cook food as well, so they will probably be more useful for home cooks. The printer will help you create a yummy meal out of fresh ingredients. Dinner will be fresher and healthier, plus it can make sure that you're eating the correct amount of food for your fitness level. Or, let's say you have an allergy or are trying to avoid a certain kind of food. A food printer will be able to help you with those food restrictions, and dinner will be available at the touch of a button.



**E** As you can see, in the future we'll be able to buy new gadgets that will help to make our lives better. But futurologists also think big: as big as container ships, which move products and goods all over the world. One problem that will likely be solved in the future is the pollution that container ships produce. At the moment these huge ships are being propelled by diesel, which creates greenhouse gases and contributes to the warming of the planet and climate change. The goal is to reduce the amount of diesel used by container ships through a number of different solutions, including cleaner fuel, solar energy, large sails, intelligent ship design, and clever use of winds.



We ship a huge amount of items these days. Futurologists hope that new technologies will make the shipping industry "go green", which will have a big impact on the environment, in a good way.

## Future visions

- 1** a) Skim the article. Who might be interested in it?

People who love ☐ fashion ☐ cars ☐ technology ☐ cooking ☐ travelling.

b) Now read the text and check your answer.

- 2** Find a good heading for each paragraph.

**A** \_\_\_\_\_

**B** \_\_\_\_\_

**C** \_\_\_\_\_

**D** \_\_\_\_\_

**E** \_\_\_\_\_

- 3** Which products or services already exist and which are still future visions? Give the line(s) in which you find the information.

Product or service	Reality	Future vision	Line(s)
a 3D body scanner	<input type="checkbox"/>	<input type="checkbox"/>	_____
a digital image of yourself to design your own clothes online	<input type="checkbox"/>	<input type="checkbox"/>	_____
car sharing services	<input type="checkbox"/>	<input type="checkbox"/>	_____
a driverless car	<input type="checkbox"/>	<input type="checkbox"/>	_____
a driverless car sharing service	<input type="checkbox"/>	<input type="checkbox"/>	_____
a 3D food printer	<input type="checkbox"/>	<input type="checkbox"/>	_____
a 3D food printer that can cook	<input type="checkbox"/>	<input type="checkbox"/>	_____
a container ship using alternative energies	<input type="checkbox"/>	<input type="checkbox"/>	_____

- 4** Pick a) oder b).