**Home assignment for Lesson 6.5**

**Ex.1 Unscramble the words from Lesson 6.4 ex. 3.**

<https://www.educaplay.com/learning-resources/17593605-smart_tech_unscramble.html>

**Ex. 2 Fill in the gaps with the words from the box.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| integrate (into smth) | lane | in terms of | remote | mainstream | maintain |
| adaptive (to smth) | equip (sb/smth with smth) | on-demand | smart | capability (of smth) | assist |

1. Technological advancements will assist us in dealing with environmental challenges in the future.

2. We need to integrate eco- friendly practices into our everyday lives to protect the future of our planet.

3. It is important to maintain a healthy balance between industrial growth and ecological preservation.

4 in terms of climate change, our planet's future depends on taking immediate and effective action.

5. The capability of renewable energy sources to power our planet will become increasingly important in the future.

6. Our society needs to become more adaptive to changing environmental conditions to ensure a sustainable future.

7. Eco-friendly practices will become mainstream as people become more aware of the importance of environmental conservation.

8. Electric vehicles will dominate the transportation industry, with special lanes for their usage.

9. on-demand services are the services available when a customer needs them.

10. remote work will become more popular, allowing employees to work from home or any location.

11. We must equip future generations with knowledge and resources to make eco- friendly choices for the planet.

12. smart technology will revolutionize our daily lives, helping us monitor and save energy and resources.

**Ex. 3 Study the information and complete the sentences with the correct form of the verbs.**

We use **Future Continuous Tense (will/won’t be+Ving)** to show that the action in the future is in progress.

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| We use such adverbials of time as:  - at 10 (o’clock) tomorrow  - for 2 days next week  - from 3 to 4 tomorrow etc. |

*Example:*

*She’ll be reading a book at 9 o’clock tomorrow.*

1. At 8 pm tonight, I will be watching (watch) a movie.

2. When you arrive at the party tomorrow, I will be dancing (dance) on the dance floor.

3. From 2 to 3 on Friday, we will be having (have) dinner at a fancy restaurant.

4. Don’t expect him to come next Sunday, he will be working (work).

5. -What will she be doing this time tomorrow? - She will be flying (fly) to Paris.

**Ex. 4 Study the information and complete the sentences with the correct form of the verbs.**

We use **Future Perfect Tense (will/won’t have+V3)** to talk about things that will be finished and completed before a specific time in the future.

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| To show the time periodin which the action will be completed we use:  -By…  -By the time  -Before |

*Example:*

*By the time I arrive, they will have watched the film.*

1. By this time next week, I will have finished my homework. (finish)

2. By the time we arrive, the train will have already departed (depart)

3. By next summer, she will have become fluent in Spanish. (become)

4. He will have read the book before the movie comes out. (read)

5. By the end of the month, they will have sent all the invitations. (send)

**Ex. 5 Study the information and complete the sentences with the correct form of the verb. (*will be doing* or *will have done*)**

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| We can use **Future Perfect and Future Continuous** with such expressions as:  -This time next week/month…  - In three months/ in four years’ time |

*Example*

*This time next week, I’ll be writing this report.*

*This time next week, I’ll have finished this report.*

1. Next Friday at 9 pm, we will be listening (listen) to a concert.

2. By the time you arrive, I will have cooked (cook) dinner.

3. This time next week, I will be lying (lie) on the beach in Hawaii.

4. By next month, he will have learned (learn) how to play the guitar.

5. I will have finished (finish) the report by the end of the week.

**Ex. 6 Read the talk about the future of the food industry and complete the sentences with the correct form of the verb. (*will be doing* or *will have done*)**

**Introduction**

- Good afternoon, everyone. Today, I'd like to share with you some predictions about the future of food technologies, based on my recent time-travelling adventures. As a time traveller, I've seen myself how technology has transformed the way we produce, sell, and consume food.

**Background information**

- Did you know that by the year 2050, the world's population is believed to reach 9.7 billion people? This means that we'll need to produce more food than ever before, while also addressing issues like climate change, lack of resources, and food waste.

- To meet these challenges, scientists are exploring a wide range of new technologies, from precision farming and vertical farming to synthetic biology and food waste reduction.

**Main body**

- By the year 2050, we will have developed (develop) new types of crops that can survive with less water than usual. These crops will be able to grow in areas that were for example, in deserts.

- By the year 2060, we will have improved (improve) the art of vertical farming, growing crops in vertically stacked layers using artificial lighting and controlled environments. This will allow us to produce more food in less space, reducing the need for land and water resources.

- By the year 2100, will have created (create) a new generation of synthetic foods that are the same as natural in terms of taste, texture, and nutrition. These foods will be produced using advanced biotechnology techniques like gene editing and fermentation.

- In the coming decades, we will be developing (develop) new technologies for reducing food waste. This will involve everything from smart packaging that can monitor the freshness of goods to algorithms that can predict when fruits and vegetables are about to spoil.

- In the future, our understanding of food science will be growing (grow). We will also see a greater focus on environmental approach in the food industry. This will involve everything from reducing greenhouse gas emissions to minimizing water usage and waste generation.

**Conclusion**

- In conclusion, I believe that the future of food is bright with many exciting possibilities on the horizon. From new crop varieties to vertical farming and synthetic foods, there are many ways that technology can help us address the challenges of feeding a growing population in an eco-friendly and responsible way. Thank you for your attention today!

1. With the rise of remote work, many people are now able to do their jobs from the comfort of their own homes.
2. In order to maintain the structural integrity of a building, it's important to regularly inspect the foundation.
3. I am here to assist you with any questions or tasks you may have.
4. The on-demand streaming service allows users to watch their favorite shows whenever they want.
5. The cyclist rode swiftly down the narrow lane lined with blooming flowers.
6. In order to improve the efficiency of the company's operations, it is crucial to integrate new technology.
7. In the future, I will be studying artificial intelligence to advance my career in technology.
8. In the future, she will be traveling around the world to explore different cultures and cuisines.
9. By this time next year, I will have completed my degree in computer science.
10. By the end of the month, she will have finished writing her novel.

Good afternoon, everyone. Today, I'd like to talk to you about the future of architecture. This topic is important because the buildings we design are shaping the world we live in.

As you may know, architecture is the art and science of designing buildings and other physical structures. And it’s is constantly evolving.

In the next decade, we will be using AI and machine learning to create intelligent buildings that can improve quality of lives.

By the year 2050, we have mastered 3D printing technology that allows to create new forms of building components such as walls, roofs, or facades, offering a more efficient and customizable way to construct buildings.

In the future, we will be using Augmented reality to create virtual models of buildings that can be viewed and manipulated in real-world environments.

By the year 2070, nanotechnology will have become the main way for creating building materials. This involves using nanoparticles to develop new forms of building materials that can provide enhanced properties such as strength and durability.

By the year 2090, Biomimicry will have integrated in architecture. This involves using biomimicry principles such as natural forms, patterns, or processes to inspire new forms of architecture.

In conclusion, I'd like to leave you with three key ideas from my talk today. First, the future of architecture is going to be shaped by new materials and technologies. Second, buildings will be designed to be more sustainable and energy-efficient. And third, architects will be using new technologies to create buildings that are more interactive and responsive to the needs of their occupants. Thank you for your attention, and I look forward to answering any questions you may have.