### Part 3

#### Listening

##### Honeybee pollination

**Honeybees play an interesting and important role in nature.**

In addition to making honey, honeybees help many plants reproduce.

They do this by pollinating the plants which means to transfer pollen.

*Pollination occurs when pollen is moved within a plant’s flower or carried to another flower.*

This is how the plants reproduce. For reproduction to succeed, the pollen must be transferred from the male part of a flower to the female parts.

**Many plants depend on pollination for reproduction.** These include many fruits and vegetables. Besides honeybees there are many other pollinators including birds, insects, and other kinds of bees. Without enough pollinators many of our favorite fruits and vegetables would become more expensive and hard to find. These include almonds and cherries.

*Honey bees are important pollinators and play an important role in agriculture.* **Beekeepers are people who keep honeybees.** In addition to collecting honey some beekeepers provide pollination services to farmers. They do this by raising and managing colonies of bees. Farmers need the colonies to pollinate their crops. Beekeepers can provide and manage be colonies for farmers.

##### Colony collapse

Honeybees are social insects that live in int. A bee colony consists of a queen bee, male drones, and thousands of female worker bees. Each colony also contains eggs and immature bees in various stages of development. The number of bees within a colony depends on seasonal changes. *A colonies population increases during the warm seasons and decreases during colder seasons.*

In recent years many bee colonies have collapsed or disappeared. **A bee colony collapse occurs when a majority of the bees in a colony disappear and leave behind the queen.** Some beekeepers have reported losing 30 to 90% of their colonies. This loss of bee colonies can cause significant problems for farmers who depend on them to pollinate their crops. In some parts of the world a shortage of bees has increased the cost of renting bees by up to 20%.

**There are several possible causes for be colony collapse. One possible cause is the use of new pesticides.** **Other possible causes include infections from viruses, genetic factors, and malnutrition.** **Changing weather patterns may also play a role as summers get hotter and winters get colder. These changes in weather may weaken the bees， making it more difficult for them to fight infections.**

*Whatever the cause of a colony collapse. It's important to understand that many parts of our world are interdependent.* Changes that affect one species may have serious effects on other species. A change to our environments can start a chain of events that is difficult to predict. In any complex system such as the earth's environment small changes can have unforeseen consequences. The danger of unforeseen consequences is something we all need to understand better.

#### Vocabulary

##### Business and economics

**Goods and services supplied with people need or want. Goods are things such as food and clothing.** **Services** include things such as health care and police protection. **A country needs natural and human resources.** ***Natural resources*** *include fresh water supplies farmland and energy sources such as oil and wind.* Human resources include a skilled workforce that can produce goods and services. *Once we have a supply of goods or services they need to be distributed throughout the country.* Highways and railways are both ways to transport things from one part of the country to another. Electricity is distributed through a system of transmission line. We live in an age of advertising. **Advertising lets people know about goods and services.** It educates people about the products being advertised. *Trade allows for the exchange of goods and services between different countries.* Exports are goods and services that are sold to another country. Imports are goods and services that are bought from another country. For example, many countries import oil from countries such as Saudi Arabia.

##### Career building

Employees are the people who work for a company. Some employees do basic work such as operating a machine or driving a truck. The people who hire in direct the work of other employees are managers. **Interviews are one way to find out about a person who applies for a job.** In an interview a job applicant can ask questions about a company and the company can find out about a person skills and experience. **An entrepreneur is someone who starts a new company.** Entrepreneurs often have new ideas and ways of doing things that can give their company an advantage. Salary and benefits are used to attract new employees into a company. If the salary and benefits are good enough employees may take the job and stay with the company. *Benefits include vacation time, health insurance, and bonuses for employees who do a good job.* When applying for a job, it's important to have the skills and experience needed for the job. *Developing an increasing skills and experience is a good way to prepare for a good job.* Each job a person has is an opportunity to learn new things and develop new skills.

#### Dialogue

##### Landlord trouble

**M:** you don’t look good. Is something bothering you?

**W:** yes, it's my landlord.

**M:** oh, is there something wrong with your flat?

**W:** no there's nothing wrong with the flat, but I’m going to have to move out.

(she doesn't look good because she has to move out of her flats)

**M:** why do you have to move out?

**W:** for the last 2 months a friend has been staying with me. She is staying until she can find a job

**M:** that's nice of you

**W:** yes. But I’m not supposed to have anyone staying there

**M:** was that in the rental agreement

**W:** yes, it was. It's ok if a friend stays for a few days, but not for more than that

(her friend has been staying there for the last 2 months)

**M:** so, you broke the agreement even though it was for a good reason

**W:** anyway, one of my neighbors told the landlord about my friend

So now I’m in trouble. The landlord is angry and said she can't trust me

**M:** that's ridiculous

**W:** I told her about my friend and how I’m trying to help her, but she doesn't care

The landlord is angry and says she can't trust me.

(there's nothing wrong with her flat.

her friend was going to stay until she could find a job.)

(the rental agreement says she's not supposed to have anyone staying there)

(it's ok if a friend stays for a few days but not for more than that.)

**M:** wow she doesn't sound very nice

**W:** that's right she isn't nice, she is just interested in money. In fact, she's going to keep my security deposit

**M:** how can she do that. Nothing is damaged right?

**W:** right. Everything in the flat is fine. She's keeping the deposit because I broke the rental agreement

**M:** what about your rent

**W:** yes, that's another problem. I've already paid 3 months’ rent, so I hope I get it back.

**M:** what can you do if she doesn't return it?

**W:** I don't know. I'll talk to my agent he's nice and maybe he can help. Maybe I should refuse to leave the flat until I get it back.

**M:** be sure to take pictures of the flat.

**W:** what for?

**M:** just to show the condition of the flat, then she can't see your friend damaged in anyway.

**W:** good idea. He's a small-minded evil woman. I should never ever rent it from her in the 1st place.

(maybe I should refuse to leave the flat until I get it back

She’s just interested in money)

(she has paid 3 months’ rent in advance.

The landlord is going to keep the security deposit.

She's keeping the deposit because I broke the rental agreement.

I’ve already paid 3 months ‘rent so I hope had can get back.)