

Lesson 4 My Science Project: Home Aquaponics

A	Class & No: _____ Name: _____
Vocabulary 1. article 2. without 3. soil 4. raise 5. possible	Jennifer: What are you reading?
	너는 무엇을 _____?
	Eric: I'm reading <u>an article</u> <u>about aquaponics</u> .
	나는 아쿠아포닉스에 대한 기사를 읽고 있는 중이야.
	It's <u>a way of (grow/growing)</u> plants _____ soil.
	그것은 <u>흠없이</u> 식물을 기르는 방식이야.
	We can also grow plants and <u>(rise/raise)</u> fish in just one system.
	또 한가지 장치만으로도 식물과 물고기를 동시에 키울수 있어.
	Jennifer: Is that _____ ?
	그게 <u>가능하</u> 니?
	Eric: We'll see.
	곧 알게 될거야.
	I'm going to <u>try</u> it at home for my science project.
	나는 과학 프로젝트로 집에서 <u>해볼</u> 예정이야.
	• What is Eric reading? He is reading an _____ about _____ • What is aquaponics? It is a way of _____ without _____. We can grow plants and raise fish in just _____ system. Grammar Point 다음 밑줄 친 부분을 바르게 고쳐 쓰세요. • It's a way of <u>grow</u> plants without soil. →
Summary 요약하기 Eric is reading an article about _____. With _____, people can grow plants without _____ and raise fish in the _____ system.	

B	Class & No: _____ Name: _____
Vocabulary 1. bacteria 2. main 3. produce 4. waste 5. turn into 6. consume 7. process 8. repeat	Fish, bacteria, and plants <u>are</u> the main parts of aquaponics.
	물고기, 박테리아, 식물이 아쿠아포닉스의 주요부분이야.
	After you <u>feed</u> the fish, they <u>produce</u> waste.
	너가 물고기에게 먹이를 주면, 그것들은 배설물을 생산해.
	The waste <u>is turned into</u> food for the plants <u>by bacteria</u> .
	이 배설물은 박테리아에 의해 식물의 먹이로 바뀐다.
	The plants clean the water <u>by (consume/comsuming)</u> the food.
	식물은 그 <u>먹이를 먹음으로서</u> 물을 정화한다.
	This process ____ again and again!
	이러한 과정이 계속해서 <u>반복된다</u> .
	• What are the main parts of aquaponics? → The main parts of aquaponics are the _____, _____, and _____. • In aquaponics, how do the plants clean the water? → _____ turn the fish waste _____ food for the plants. Grammar Point 다음 문장을 수동태 문장으로 바꾸어 쓰세요. • Bacteria turn the waste into food for the plants. → The waste _____ food for the plants _____ bacteria.
	Summary 요약하기 The process of aquaponics is described. Fish waste _____ food for the plants by _____. The plants clean the water _____ the food, and this process keeps _____.