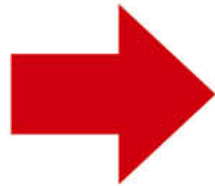




Are You Ready?

Listen to me.



Eyes on me.



CONVERSATION

Classic English Junior Level 5 - Unit 14 Materials

Lesson

5

Metal Foams



You are going to learn:

Topic

- **Materials—
Metal Foams**

Key Words

- foam
- hole
- property
- missing

Sentence Patterns

- learn ... from ...
- as ... as ...
- I hope so.



What are the materials above?
What are the uses of these materials?



Let's Go!



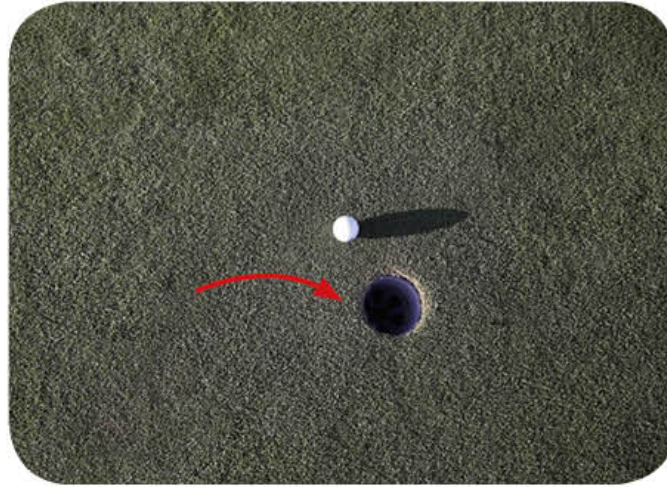
Preparation—Vocabulary

01:00

Learn and say.

**foam** *n*

Look! There's a glass of beer with a good head of **foam**.

**hole** *n*

Golf is a game in which the players hit a small white ball into **holes** in the ground.

Use a **key word** to make a sentence:

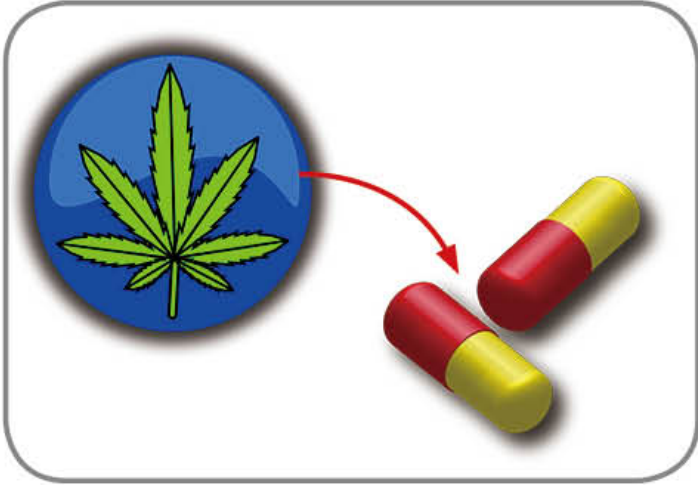
Preparation—Vocabulary

01:00

Learn and say.



prop•er•ty *n*



Some plants have medicinal **properties**.



miss•ing *adj*

Hap?y

What is the **missing** letter of this word?

Use a **key word** to ask a question:

Preparation—Sentence Patterns

02:00

Learn and match.

1

I **learned a lot from** her speech.



2

An adult ostrich can run **as fast as** a car.



3

- Do you think you'll get a new dress?
- I **hope so**.





Let's Talk!



Conversation

01:00

Conversation setting.



While Timmy is watching a video program, Jimmy walks into the room.

Conversation

03:00

Role play the conversation.



Hey, Timmy, what's the video about?



Don't you know? *How It's Made*. I **learned** a lot **from** it. Have you ever heard of metal **foam**?



What's that? A metal with a good head of foam?



a glass of beer
with a good
head of foam



How It's Made

a documentary television series on the Discovery Channel, showing how things are made, like pencils, lollipops, cars, etc.



What video program is Timmy watching?

Conversation

03:00

Role play the conversation.



Seriously! A metal foam is a metal with a lot of **holes** in it. It is a new material with extremely strong **property**.



You got the point. It's **as** strong **as** metal, but the holes make it lighter.



You knew it all along! You were kidding me!



Relax, boy. You've done a good job. Have you thought about the uses for this kind of material?



property

a quality or feature of something

e.g.
The water is said to have healing properties.

A metal foam is a metal with a lot of _____ in it. A. gold B. holes

Conversation

03:00

Role play the conversation.



Well, the video said it will be widely used in cars, because it can reduce the shock from crashes effectively.



Moreover, it is also well suited for replacing a **missing** body part, like bones and joints.



Oh, Dad will like that! It will probably be very helpful for his patients.



I hope so.

Grammar

I hope so.

(spoken) used to say that you hope something that has been mentioned happens or is true

e.g.

- Will you finish the work this evening?
- **I hope so.** (I hope that I will finish the work this evening.)

A metal foam can be used for _____

A.



B.





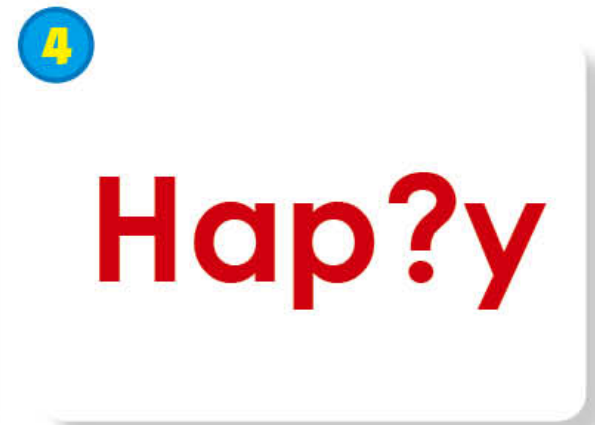
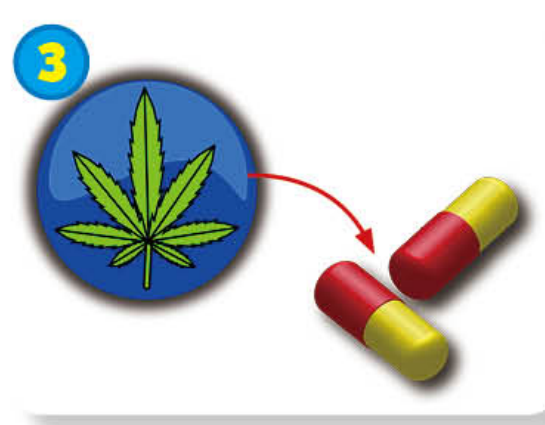
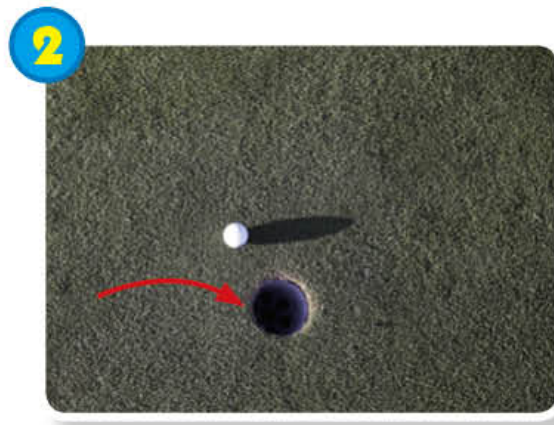
Activity Time!

Practice

Activity 1

01:00

Recall the words you've learned today.



f

h

p

m

You'll see the answers on the next page.

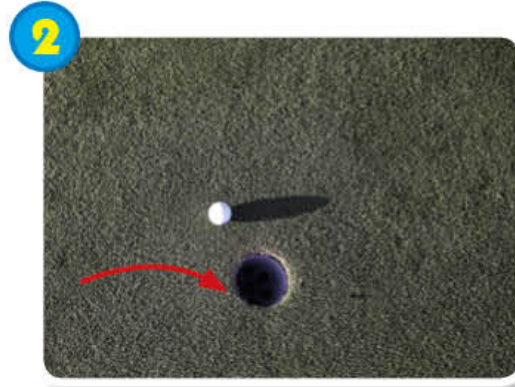
Activity 1

01:00

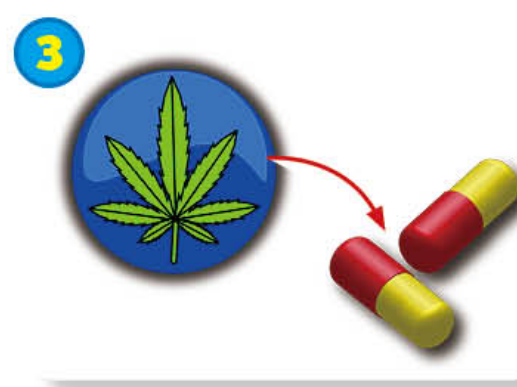
1. Words you've learned today.



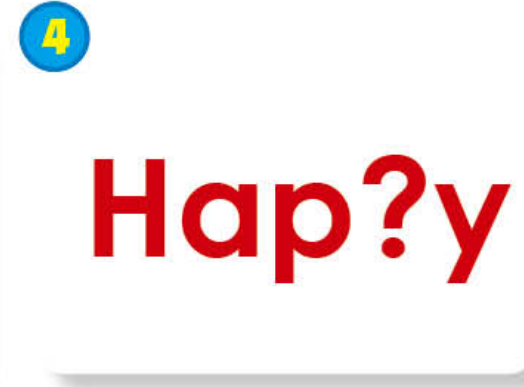
foam



hole



property



missing

2. Answer the question using a key word.



Can you say a use for metal foam?

Answer box for the question.



Activity 2

02:00

Complete the sentences.



I grew up with my grandpa.

(learn ... from...)



The stone is hard.
The metal is hard, too.

(as ... as ...)



I think you will get a special gift.

(I hope ...)



Activity 3

03:00

Look at the following pictures. Tell your teacher the name of this kind of material and its features, then say some fields in which it is used.

Teacher: Hi, ... What's this kind of material?

Student: ...

Teacher: ... How much do you know about its properties?

Student: ...

Teacher: ... What can it be used for?

Student: ...

Teacher: ...

Student: ...



Tips:

- metal foam
- hole
- property
- as ...as
- missing

Wrap-up

01:00

Let's check how well you performed in this lesson:

Vocabulary

	Pronunciation			Understanding Check	
	Awesome	Good	Needs Improvement	Yes	No
foam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
hole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
missing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Wrap-up

01:00

Make sentences using the following sentence patterns:

Sentence Patterns

	Fluency			Accuracy		
	Awesome	Good	Needs Improvement	Awesome	Good	Needs Improvement
learn ... from ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
as ... as ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I hope so.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





See You Soon!

51TALK

