Floating and Sinking Experiment

Seviye A2 · Okuma · Yazma · Konuşma

Warm-up

- What things float in the bath?
- Does a stone float or sink?
- Do you like doing experiments?

Reading

Will it float or sink? Let's find out with a simple experiment!

You need: a big bowl of water, a towel and these objects: an apple, a coin, a cork, a key, a wooden pencil, a small stone and an orange.

1. Put the towel under the bowl.
2. Look at each object. Guess: will it float or sink? Write your guess in a table.
3. Put the objects in the water one by one.
4. Watch carefully and write the result next to your guess.
5. Now peel the orange and put it in the water again.

What happens? The apple, the cork and the pencil float. The coin, the key and the stone sink. And the orange? With its peel, it floats! Without its peel, it sinks. Why? The peel is full of tiny pockets of air, like a life jacket.

Things that are heavy for their size usually sink. Things that are light for their size usually float.

Vocabulary

English	Türkçe	Example
float	yüzmek (su üstünde kalmak)	*The cork floats on the water.*
sink	batmak	*The coin sinks to the bottom.*

guess	tahmin	*My guess was wrong!*
result	sonuç	*Write the result in the table.*
peel	kabuk; soymak	*Orange peel smells nice.*
object	nesne, eşya	*Put five objects on the table.*
air	hava	*A balloon is full of air.*
experiment	deney	*We did an experiment in science class.*

Language focus

Kalıp	Örnek
will (tahmin)	I think the apple will float.
won't	I think the key won't float. It will sink.
with / without	With its peel, the orange floats. Without its peel, it sinks.

Discussion

1. Which result surprised you?
2. Why do big ships float?
3. What other objects can you test at home?

Tasks

Choose the correct answer. *(Doğru seçeneği işaretleyin.)*

1. Why does the orange with its peel float?

   a) The peel has tiny pockets of air.
   b) It is sweet.
   c) It is round.

Fill in the blanks. *(Boşlukları doldurun.)*

2. I think the stone _____ sink.

3. A coin is heavy for its size, so it _____. (batar)

Write True (T) or False (F). *(Doğru mu yanlış mı?)*

4. The key floats in the water. ( )

Match the items. *(Eşleştirin.)*

5. Match the objects with the results.

1. apple ( )	a) sinks without its peel
2. coin ( )	b) floats like it has a life jacket
3. orange with peel ( )	c) floats because it has air inside
4. orange without peel ( )	d) sinks because it is small but heavy

Put the parts in the correct order. *(Doğru sıraya koyun.)*

6. Put the steps in order.

   Put it in the water. / Look at the object. / Write the result. / Write your guess.

Write your answers. *(Cevaplarınızı yazın.)*

7. Choose three objects from your home. Write your guesses: will they float or sink?

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Speaking tasks. *(Konuşma görevleri: sınıfta sözlü yapın.)*

8. Hold up an object. Ask your partner to guess, then test it.