

### Exercise sheet Apples (Äpfel)

Complete the sentences with the appropriate information from the boxes below.

Apples come from .....

In Germany, every year, approximately ..... of apples are harvested.

Germans eat, per person, around .....apples a year.

Apples are very healthy; they contain more than .....

There are more than 20,000 ..... in the world.

70 percent of the vitamins are .....

An apple contains .....

25 percent of an apple is .....

**1,000,000 tons**

**in the apple skin**

**Asia**

**30 vitamins and micro-nutrients**

**apple varieties**

**60 calories**

**17 kilograms**

**water**

Based on the following source: <https://www.gesundheit.de/ernaehrung/lebensmittel/obst/apfel>

**Answer key *Apple stem* (Apfelstiel)**

Apples come from **Asia**.

In Germany, every year, approximately **1,000,000 tons** of apples are harvested.

Germans eat, per person, around **17 kilograms** of apples a year.

Apples are very healthy; they contain more than **30 vitamins and micro-nutrients**.

There are more than 20,000 **apple varieties** in the world.

70 percent of the vitamins are **in the apple skin**.

An apple contains **60 calories**.

25 percent of an apple is **water**.

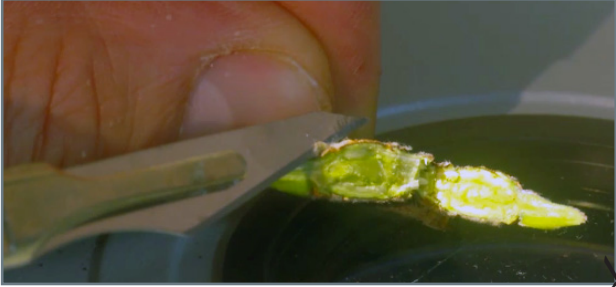
Based on the following source: <https://www.gesundheit.de/ernaehrung/lebensmittel/obst/apfel>

Template for gluing *Apple ripeness test* (Apfel-Reifetest)

What fits?

Step	Picture	Text
1		
2		
3		
4		
5		

Cutout template *Apple ripeness test* (Apfel-Reifetest)



Mr. Bückels cuts off two branches with apples - one with ripe apples and one with unripe apples.

He repeats the steps with a ripe apple and look: there is a brown layer of cork between the stem and the branch. This protects the branch when the stem is removed.



Christoph takes both branches into the lab and gives them to Oliver. Oliver has a microscope.




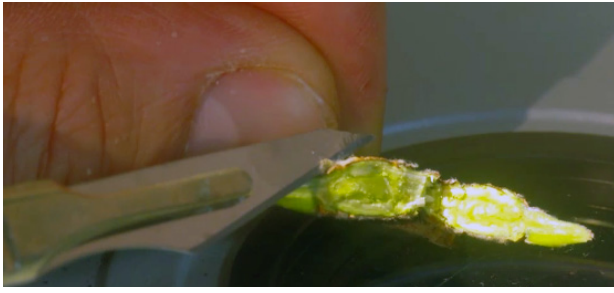

He cuts the piece longitudinally and looks at it under the microscope. He sees that the wood is still green and fresh. On the right is the stem, on the left the branch and everything is green.



Oliver cuts off the stem of an unripe apple with a scalpel. He cuts the stem off where the branch starts.



Answer key *Apple ripeness test* (Apfel-Reifetest)

Step	Picture	Text
1		Mr. Bückels cuts off two branches with apples - one with ripe apples and one with unripe apples.
2		Christoph takes both branches into the lab and gives them to Oliver. Oliver has a microscope.
3		Oliver cuts off the stem of an unripe apple with scalpel. He cuts the stem off where the branch starts.
4		He cuts the piece longitudinally and looks at it under the microscope. He sees that the wood is still green and fresh. On the right is the stem, on the left the branch and everything is green.
5		He repeats the steps with a ripe apple and look: there is a brown layer of cork between the stem and the branch. This protects the branch when the stem is removed.

**Now I know (Ich kann schon) questionnaire for the *Apple Stem* (Apfelstiel) lecture**

Lecture <i>Apple Stem</i>	How I see myself:		How my teacher sees me:	
	I know this.	I still need to work on this.	You know this.	You still need to work on this.
I can understand a short (technical) film on the topic.				
I know new words and expressions on the topic.				
I can understand new technical terminology in context.				
I can reconstruct processes in time.				
I can make guesses and test them.				
I can do simple research tasks.				
I can present research results.				
I can complete a fill-in-the-blank.				
I can match pictures and text.				
I can understand and answer questions on the topic.				
I can understand and memorize a song text with the help of pictures.				
I can act out the content of a song.				
I can understand and follow instructions.				