

Beer and brewing

Think about it

1 Answer.

- a Are teenagers allowed to drink beer in pubs and discos?
- b Do people obey the legislation?
obey

- c Do you know what beer is made from?

Read

2 Read this newspaper article about beer.

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INDUSTRY

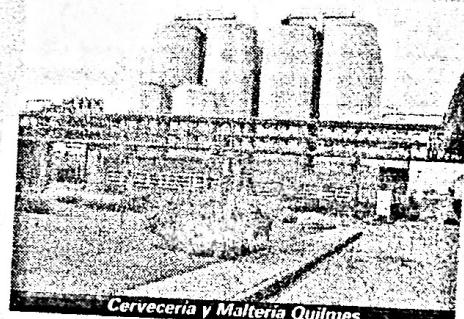
Beer is an alcoholic *beverage* made from the grains of cereal – usually barley. Three other basic ingredients are added to the grain to make beer: hops, yeast and water.

The process used for *brewing beer* consists of different steps:

- The grain is kept in water for several days. After this process, the grain is called '*malt*'.
- The malt is *heated and dried*.
- The dried malt is processed in a *mill*. At this point, the grain becomes a *powder*.
- Hot water is added to the powder and a *thick* sweet liquid is produced. This liquid is called '*wort*'.
- The wort is brewed (*boiled*) for several hours and hops are added to provide *bitterness*.
- The wort is cooled and yeast is added. Fermentation begins – yeast converts the grain sugar into alcohol and the wort becomes beer.
- The beer is *aged* in a fermentation tank for several weeks or months.
- The beer is filtered to remove impurities and pasteurized (heated at 82°C) to kill *remaining* yeast and other bacteria.

Historians think that beer is more than 10,000 years old.

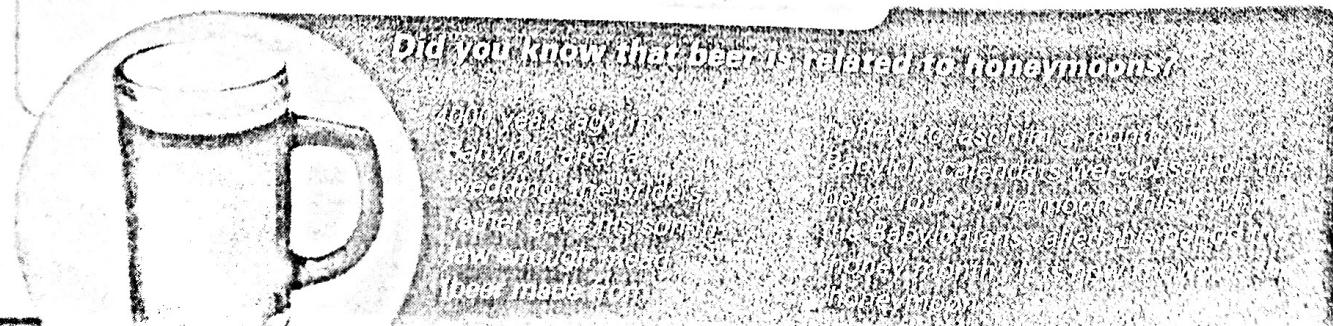
The first beer makers used a simple process. They heated grain over open fires. The malt was *dark* and the beer was dark too. After the Industrial Revolution in the mid-1800s grain was heated in *rotating drums*, it was light in colour and it produced *golden beer*. With technological developments, *breweries* started producing large quantities of beer.



Cervecería y Maltería Quilmes

In Argentina, Otto Pedro Bemberg founded an important brewery in the province of Buenos Aires in 1888. It was a family company called *Cervecería y Maltería Quilmes* and it soon expanded its business to other breweries in the country. High quality products, efficient distribution and good communication with customers have made *Cervecería y Maltería Quilmes* a successful company.

Incredible but true!



Work Out meaning

3A Find in a bilingual dictionary the Spanish translation of the following ingredients.

barley
grain
hop
yeast

3B Write the italicized words or phrases from the text in 2 next to their translation.

cerveza dorada
sabor amargo
polvo
mosto
calentado
fábricas de cerveza
añejada
malta

restantes
elaboración de cerveza
secada
molinillo
oscuro
tambores giratorios
espeso
bebida

4 Match and form sentences to describe the process used for brewing beer.

- a Grain is added and a thick liquid is produced.
b Malt becomes beer. Then the beer is aged, filtrated and pasteurized.
c Hot water is brewed and hops are added.
d The wort is heated, dried and processed.
e The wort is put in water and it becomes malt.
f The wort is cooled and yeast is added.

5 Number these facts about the history of beer in the order of their appearance in the text in 2.

- a Golden beer was produced after the Industrial Revolution.
b The first beer was dark.
- c An important brewery was founded in our country.
d Beer is thousands of years old.
e Beer was produced in large quantities.

Work on words

Write

Work on words

- 6 Find in the wordsearch ten words related to beer.

P L S D B R E W E R Y O G
O N M A L T B O V X E Z R
W A T E R K G R H D A A A
D S F R T U K T Q B S B I
E A S H O P S B C R T T N
P A S T E U R I Z E L N Z
L T M I L L E R G W F D X

Find out more

- 8 Put the verbs in the correct passive form in this text about packaging.

Packaging is very important to maintain a product's high quality. It _____ (introduce) after the Industrial Revolution. Packages and containers _____ (design) to protect and identify a product. They _____ also _____ (use) for marketing and advertising. A lot of products _____ (package) in plastic containers.

Write

- 7 Use these notes to write a paragraph about the history of beer.

4000 BC	beer/drunk/Sumerians/Asia
2000 BC	beer/brewed/women
Middle Ages	beer/introduced/Egypt
16th century	beer/used/trading and payment
17th century	beer/introduced/Britain
19th century	beer/introduced/America
1876	commercial breweries/established
	pasteurization/developed/Pasteur

Eg. In the year 4000 BC, beer was drunk by the Sumerians

in Asia.