

# Health Games

Questions and Answers  
from Free Online  
NLM Resources

## Questions



Nitrogen oxides  
are released into  
the air from?



Where is oxygen  
gas found?



The chemical  
formula for  
Lead is?

## TOXinvaders



2A

## Questions



True or False:  
Net charge is  
zero.



True or False:  
Elements are  
neutral.



What is the  
charge of a  
proton?

## Bohr Thru



3A

## Questions



What process  
do plants use  
to absorb carbon  
dioxide?



Deforestation  
reduces the earth's  
ability to absorb  
what gas?



\_\_\_ is a form of  
renewable energy  
derived from  
flowing water.

## Run4Green



4A

## Questions



What is the  
DNA base of  
G?



What is the  
DNA base of  
A?



What does the  
DNA base of T  
stand for?

## Base Chase



5A

## Questions



Ancestors of  
American Indians  
hunt large \_\_\_,  
catch \_\_\_, and  
gather \_\_\_.



At their hunting  
lodges, they \_\_\_  
some meat to  
store for later.



\_\_\_ is an important  
resource that the  
ocean supplies  
to the Chumash.

## Native Voices



6A

## Questions



What can you  
install to prevent  
carbon monoxide  
poisoning in your  
home?



What chemical  
can be used in  
sprays to kill  
bugs and fungus?



\_\_\_ is a clear,  
strong-smelling  
liquid that is in  
some nail polish  
remover.

## ToxMystery



7A

## Questions



True or False:  
Both farmed and  
wild-caught fish  
have traces of  
mercury or pcbs.

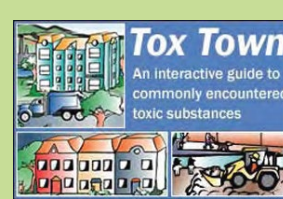


\_\_\_ is a common  
problem for  
people traveling  
in various forms  
of transportation.



Why are dust  
storms a concern?

## ToxTown



8A

## Answers



Photosynthesis



Carbon Dioxide



Hydroelectricity



**Run4Green**

Mobile App  
Game

A game focused on genetics, chemistry, and environmental health for iPhone and iPad, available in the App Store.

4B

## Answers



True



True



Positive



**Bohr Thru**

Mobile App  
Game

An chemistry themed game designed to teach the Bohr model for iPhone and iPad, available in the App Store.

3B

## Answers



Electric power plants, cars, & coal burning



The earth's crust, water, & ozone layer



Pb



**TOXinvaders**

Mobile App  
Game

An environmental health and toxicology game for iPhone and iPad, available in the App Store.

2B

As a resource library for the National Library of Medicine, the Gibson D. Lewis Health Science Library at UNTHSC works to improve public health through increased access to health information.

Use this game set to learn about some of the interactive games and educational resources available to children and youth regarding health topics in their homes and in their community.

### HOW TO PLAY

Make a game of it!  
Each card has three example questions from various NLM resources. Ask the question on the front of the card and simply turn it over for the answer.

## Answers



True



Motion sickness



Chemicals in dust, asthma, air pollution, & valley fever



**ToxTown**

Mobile Website  
Education

An interactive website about connections between toxins and the public's health.

[toxtown.nlm.nih.gov](http://toxtown.nlm.nih.gov)

8B

## Answers



Carbon monoxide detector



Pesticides



Acetone



**ToxMystery**

Mobile Website  
Education

An interactive website for children aged 7-11 about household chemical hazards.

[toxmystery.nlm.nih.gov](http://toxmystery.nlm.nih.gov)

7B

## Answers



Mammals, Fish, Fruits & Nuts



Dry



Driftwood



**Native Voices**

iPad App  
Education

An app that explores the wellness, illness, and cultural life of Native Americans for the iPad in the App Store.

6B

## Answers



C



T



Thymine



**Base Chase**

Mobile App  
Game

A game focused on genetics, chemistry, and environmental health for iPhone and iPad, available in the App Store.

5B

## Questions



Nearly \_\_\_ of the world's water is salty or otherwise undrinkable.

## Questions



How long is your genome once unfolded?

## Questions



What temperatures are recommended for refrigerating foods?

## Questions



Packing food for a picnic, refrigerated food will be safe for several hours if?



\_\_\_ is the natural process that happens when water takes different forms.



True or False: All cells have the same genome.



True or False: Fingers don't even have to look dirty to have bacteria.



What temperatures are recommended for freezing food?



Where in the atmosphere is ozone good?



What does the nucleus of the cell do?

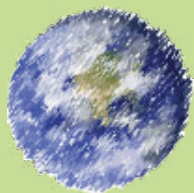


\_\_\_ lives on the food you eat if it isn't cooked and handled properly.



You left cooked food out for 8 hours. What do you do?

## Environmental Health Student Portal



9A

## GeneED



10A

## Food Detectives



11A

## Fight Bac!



12A

## Questions



What is asthma?

## Questions



How many adult teeth do people usually get?

## Questions



Smoke alarms should be replaced every \_\_\_ years?



What does an asthma trigger do?



How many sets of teeth do people get?



A \_\_\_ door may slow the spread of smoke, heat and fire.



What does our quick-relief asthma medicine do?



\_\_\_ is a sticky film of germs on your teeth.



How often should you test your smoke detector?

## Lungtropolis



13A

## To Tell the Tooth



14A

## Sparky's Firehouse



15A

Children's Health Games were developed by the following organizations:



## Answers



A special icepack is included



15 degrees F



Throw the food away



### Fight Bac!

Mobile Website Game

A website that educates children about foodborne illness through a fun game!

[fsis.usda.gov](http://fsis.usda.gov)

12B

## Answers



40 degrees F or below



True



Bacteria



### Food Detectives

Mobile Website Game

A website about genetics education and discovery. Enjoy games like Geniversity!

[fooddetectives.com](http://fooddetectives.com)

11B

## Answers



6 feet long



True



It stores and protect the DNA



### GeneED

Mobile Website Education

A website about genetics education and discovery. Enjoy games like Geniversity!

[geneed.nlm.nih.gov](http://geneed.nlm.nih.gov)

10B

## Answers



97%



Water cycle



High up in the atmosphere



### E.H.S.P.

Mobile Website Education

A website for connecting middle school students to environmental health.

[kidsenvirohealth.nlm.nih.gov](http://kidsenvirohealth.nlm.nih.gov)

9B

## Answers



10 years



Closed



Once a month



### Sparky's Firehouse

Mobile Website Game

A website about fire safety for children.

[sparky.org](http://sparky.org)

15B

## Answers



32



2



Plaque



### To Tell the Tooth

Mobile Website Education

A website prepared by the American Dental Association that teaches fun dental facts.

[rocklinpedodontist.com](http://rocklinpedodontist.com)

14B

## Answers



A problem in your lungs



Makes asthma worse



It makes the muscles around the airway relax



### Lungropolis

Mobile Website Game

A website prepared by the American Lung Association that explains what asthma is.

[lungropolis.com](http://lungropolis.com)

13B