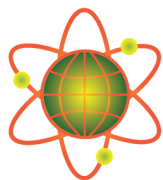




To validate your answer and learn more about the topic you can use it as a url on our site.

Ex: If you think the answer is “blue”, you would go to www.amino.bio/blue

CLUE 18



ECOSYSTEMS

Question:

A language of chemicals lets bacteria communicate with each other and their ecosystem, monitoring population density and changing their genes accordingly. Some social insects can use this communication technique too. Flying friends use it to determine where to build a new nest and once majority has agreed, the insect uses a second communication tool to get followers to move in.

What is this second tool called?

Answer:

Question:

A new, and somewhat controversial, discovery was made in 2020 by creating robots from living organisms. About 1 millimeter in size, these were made by taking a living component from frogs.

This living component was first discovered by three Canadian biologists and first isolated in what animal?

CLUE 19



ROBOTICS

Answer:

CLUE 20



GEOMETRY

Question:

Our famous double helix. A stable structure, it can be manipulated by scientists in many ways. One technique folds the DNA at the nanoscale level by leveraging the base pairs sequences. To showcase this, scientists created a well-known emoji in folded DNA.

Which emoji/emoticon was created?

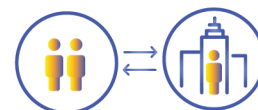
Answer:

Question:

Information, we use it every day! In the old days it used to be about bits and bytes. Now all new technology needs megabytes, gigabytes, terabytes and more! It might be that we will have to turn all of the sand of the Sahara Desert into silicon to store our information. But maybe there's an other way? A micro way - a code in us all could be very useful for the long term storage of information.

Which cutting edge program is a fresh and new extension of a past science megaproject that aims to make writing information as inexpensive and abundant as reading it?

CLUE 21



MICRO/
MACRO

Answer:

CLUE 22



CELEBRATE
SCIENCE

Question:

The first and one of the most prestigious awards in science was first given out in 1901 in memory of a Swedish chemist who wanted to celebrate individuals who most greatly benefitted mankind during the previous year. Only one individual has ever received the award in two different scientific categories.

Celebrated by many, this person's start in science was made possible by which University?

Answer: