PCR PREZI

www.prezi.com

***Directions:*** Work with a partner to create a Prezi about PCR. Use your email address to set up a free account. Choose 5 of the following questions to answer in your Prezi. Each slide must contain an illustration/picture. Your last slide should include a bibliography of the sources you used for information and illustrations.

***Prezi Questions:***

* What are the main components of PCR?
* What occurs in the denaturation stage?
* What occurs in the annealing stage?
* What occurs in the elongation stage?
* What temperatures are used in PCR and at what stages are these temperatures changed?
* What is a primer and how is it used in PCR?
* What type of polymerase is used in PCR and why?
* What are nucleotides and how are they used in PCR? What is the abbreviation for a nucleotide?
* What is used to adjust the temperatures of PCR? How does it work?
* What is the purpose of PCR?
* What are 3 applications of the PCR technique?
* Give a brief summary of the PCR procedure
* What does a polymerase do?
* What does *in vitro* mean?
* What is *Thermus aquaticus*?
* Why are the three steps of PCR repeated over and over again?
* What is the Peltier effect? How is it used in PCR?
* Who discovered PCR? How was it discovered?
* What lab technique is used to analyze the DNA after it is amplified?

**Bibliography sites:**

[www.noodlebib.com](http://www.noodlebib.com)

[www.easybib.com](http://www.easybib.com)