

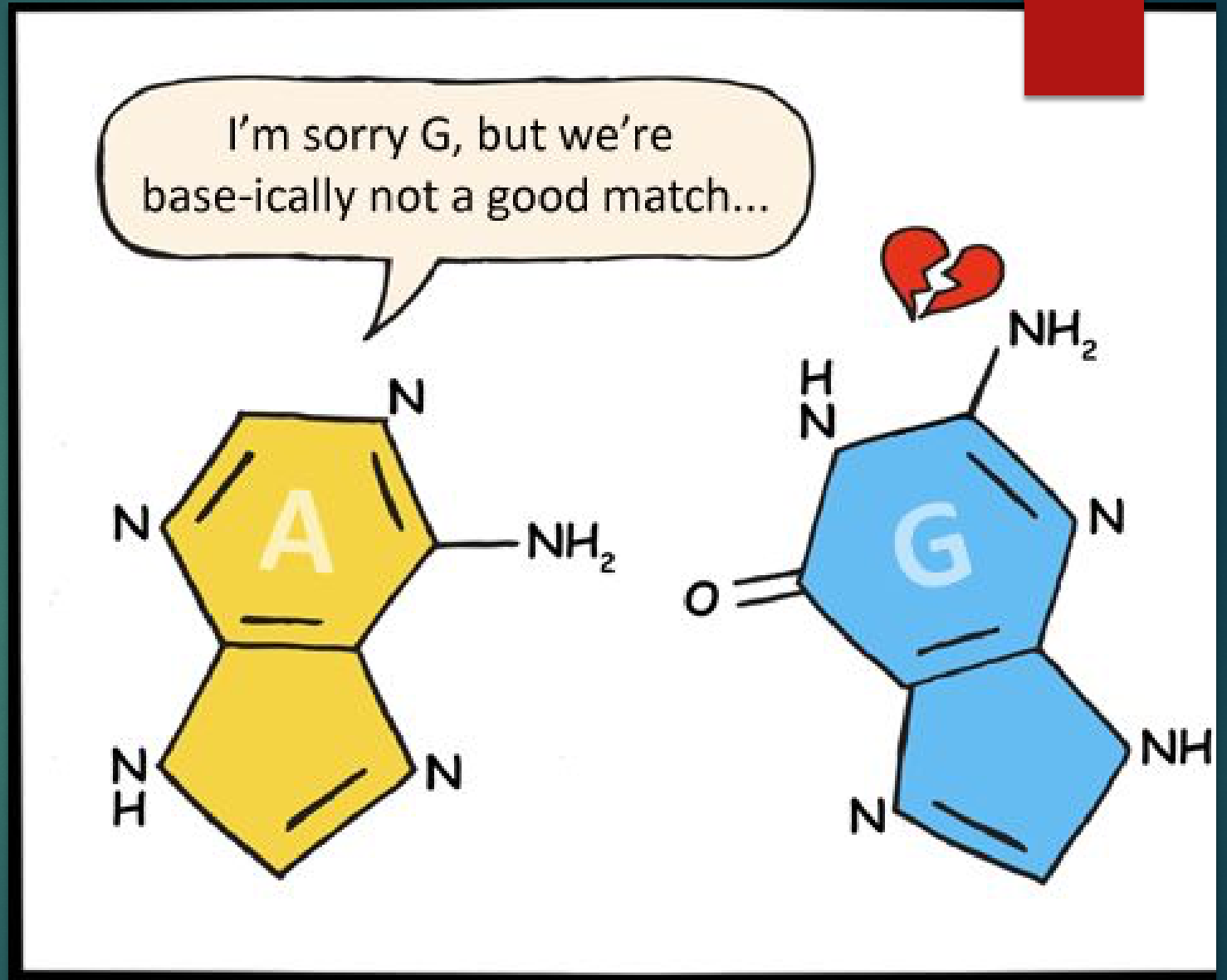


DNA Day 3

YOUR TEACHER NAME GOES HERE

Engage

- <https://www.youtube.com/watch?v=zwibgNGe4aY>



Engage




- ▶ What is DNA?
- ▶ What 4 bases make up DNA?
- ▶ Do they all have the same function?
- ▶ Is DNA everywhere?

The background is a solid teal color. On the left side, there is a large, detailed strawberry with its green leaves. On the right side, there is a 3D model of a DNA double helix. A solid red rectangle is positioned at the top right, partially overlapping the DNA helix.

Explore



Explore: Berry Full of DNA

- ▶ In your groups you will conduct a DNA extraction on strawberries
 - ▶ At the end, you will share your observations as a group
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Explain

- ▶ On your white boards draw what your test tube looks like and label the contents inside of it



Explain

- ▶ Was it easy or difficult to extract the DNA?
- ▶ Do you think you can do the same process on other fruits to extract their DNA? Why or why not?



Elaborate

- ▶ What structures do you see?
- ▶ What substances do you see?
- ▶ What does the thread represent?
- ▶ What does the spool represent?
- ▶ What do you think the colored portion of the thread represents?



Evaluation

- ▶ Complete the evaluation quiz on your own
- ▶ Turn it in when you are finished