

SWEET- Baseball Bat Comparison Teacher Handout

THESE ARE THE ANSWERS AS OF 2008! UPDATE THEM IF NECESSARY

1. What game is known as “America’s past time”? **Baseball**
2. Using a computer, define the term “polymer”. **A polymer is a large molecule made up of many repeating units.**
3. What baseball team won the World Series 2007? **Boston Red Sox**
4. List two ways that we use polymers in our day to day lives. **Answers will vary.**
5. What is the “sweet spot” of a baseball bat? **The barrel, specifically about 2 inches from the end of the bat and before the handle.**
6. List two items that are made of polymers that are used in baseball aside from a bat and a ball.
 - A. **gloves if there are synthetic**_____
 - B. **helmets**___or **other answers**_____
7. What are composites, and how are they used in bats? **A composite is a structure made of two or more separate materials combined to make a material with excellent properties.**
8. Who is currently the highest paid baseball player in the league? **Alex Rodriguez, who signed a 10 year contract for 300 million dollars total!**
9. Who is the oldest living baseball player (still playing)? **Julio Franco said to be 47 years old. This one can be tricky. Dates of birth are skewed for some foreign players!**
10. Using the internet, what was the first (original) material used to strengthen wooden baseball bats? **Cow bones because it closes the pores in the wood.**