

## TALK the TALK

### And More, Much More Than This...

A scientist is researching certain bacteria that have been found recently in the large animal cages at a local zoo. He starts with 200 bacteria that he intends to grow and study. He determines that every hour the number of bacteria increases by 25%.

1. Write a function and sketch a graph to represent this problem situation. Then estimate the number of hours the scientist should let the bacteria grow to have no more than 2000 bacteria.

