



Math Activity – Grade Four

Remembrance Day

From: http://www.usefultivia.com/history_trivia/modern_history_trivia_007a.html

June 6, 1944 is better known as D-Day, the day on which the Invasion of Normandy began as U.S., British, and Canadian forces set out to liberate Europe from Nazi control. It was the largest air, land, and sea operation ever undertaken, involving more than 5,000 ships, 11,000 airplanes, and 150,000 soldiers. When the dust cleared, Allied Forces had suffered, but the German lines had been breached and the defeat of Hitler was in sight. The success of D-Day was absolutely essential to Allied victory in World War II.

Expectations:

4m49: solve problems involving the relationship between years and decades, and between decades and centuries.

4m: Pose and solve meaningful problems that require the ability to distinguish perimeter and area

Mental Set for the lesson:

- Brain storm the question “How old is old?”
- Review with the students how many years and decades is an 11 year old.
- How many years and decades their parent is.

Development:

- How many years and decades their grandparents are.
- How many years and decades it has been since D-Day.
- Have the students read the passage to each other. Have them underline the important pieces of information.
- Discuss how much room 150,000 soldiers would need to line up before entering into battle.

Discuss this in terms of area.

- Ask them if they can think of a perimeter question that would be related to the 150000 soldiers.
- (Answer could include barb wire fencing to enclose their encampment)
- Ask them to work in groups to generate perimeter and area questions for the aircraft in the war (e.g., the area that would be needed to house a squadron of planes, or the perimeter of barb wire fencing they would need to keep their squadron of planes safe).
- Perhaps have them consider the perimeter and area of an aircraft carrier that had to house planes while on the Oceans.

Consolidate/Debrief:

Brainstorm a list of things that are a decade old, and a century old.

Home Activity:

Have their parents or grandparents share a story from decades ago (maybe how grandpa used to go to school).