Thompson High School is located in the city of Alabaster, Alabama. It is named after Thomas Carlyle Thompson, the man who donated the land and most of the funds to build the original high school building which is now the intermediate center. Thompson High School's first official school day was October 3, 1921. The existing site of Thompson High School was not established until the 1980s. It was part of the Shelby County School District, but as of July 1, 2013 has pulled out and joined the Alabaster City School System. The school mascot is the Warriors. The school colors are red, white, and black.

The Thompson Warriors compete at the highest level of AHSAA classification, as a member of class 7a region three. Thompson fields 13 varsity teams with approximately 850 student-athletes supported by more than 30 full-time staff on the campus of Thompson High School in Alabaster, Alabama. Thompson high school offers a variety of opportunities for students that wish to participate in athletics at many different levels. The warriors offer freshman and junior varsity opportunities in many sports. The warrior wrestling has been very successful as of late. The program was established in 2007 and has won 5 state titles in a row(four 6A & one 7A) since 2011.

High schools sports fans would be hard-pressed to find a program more on the rise as Alabaster grows and Thompson High School presses towards greatness. Thompson athletics have been a mainstay in the south Shelby County and Birmingham metro area for many years. The city of Alabaster plans to build a new high school set to be completed in the summer of 2017. It will be the second biggest high school in the state of Alabama (behind Enterprise high school).