In this talk, arithmetic progressions on the integers and the integers modulo $n$ are extended to graphs. This allows for the definition of the anti-van der Waerden number of a graph, which is the least positive integer $r$ such that every exact $r$-coloring of a graph contains a rainbow $k$-term arithmetic progression. We will discuss bounds on the anti-van der Waerden number on trees regarding 3-term arithmetic progressions. (Received July 08, 2019)