

## Winchmore High School

### RAAC (Reinforced Autoclaved Aeriated Concrete) Replacement and Refurbishment Project Sports Hall - Changing Rooms – Completed June 2025

Winchmore High School continues to develop a tradition of high standards of academic achievement.

**What is RAAC?** - RAAC is a lightweight concrete, lacking coarse aggregate, mainly used from the 1950s to 1980s in precast roof, floor, cladding, and wall panels. Common in schools and public buildings, it has an expected lifespan of about 30 years and recent studies highlight frequent defects and failures.

A 2023 survey found RAAC roofing planks only in the changing rooms attached to the Gym and Sports Hall. Structural engineers confirmed no other areas were affected. The roof was replaced, and the Council took the opportunity to refurbish the changing rooms and improve the exterior.

Before



After



New Changing Room



The roof was replaced and upgraded with high-performance thermal insulation that meets current standards. External areas were reclad, new doors installed and obsolete windows removed, improving energy efficiency and reducing carbon emissions. The old gas boiler was decommissioned and replaced with energy-efficient electric showers, supporting the council's sustainability goals.