

Big Sky Acoustics, LLC

PROJECT PROFILE: MIDDLE SCHOOL



PROJECT: MEDICINE CROW MIDDLE SCHOOL
Billings, Montana

Through bond funding, the Billings Public Schools elected to build a new middle school in the Heights District, and duplicate the design for a second new middle school in the city. Formerly a gravel pit, this new community resource also includes baseball, softball, track, football and soccer facilities. Big Sky Acoustics provided the Acoustical Design for the new school.

- BSA predicted the noise levels of the mechanical equipment and systems, and provided noise control design recommendations.

Poor acoustics is a barrier to learning. By limiting overall noise levels, distractions will be reduced so students can hear the lessons and focus on learning.

BSA's SERVICES AND SOLUTIONS:

- BSA completed a room acoustics analysis and provided design options to control reverberation and echoes in the classrooms, library, commons, gym, and music rooms.
- BSA's sound isolation design controlled the transmission of airborne sound between spaces. Recommended floor-ceiling, wall and door constructions to isolate noise, particularly between music rooms, and between the shop and classrooms above.

