

# Arnett C. Lines Elementary School



## BLUEPRINT 220

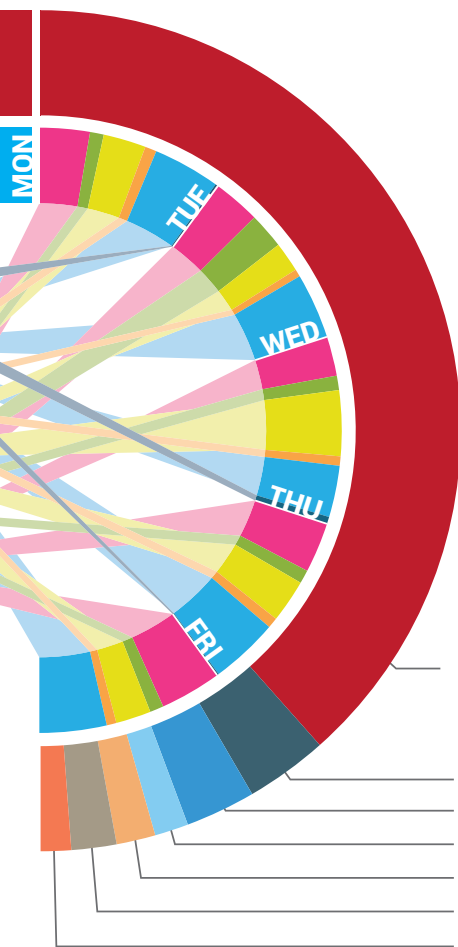
A future-ready facilities plan

Arnett C. Lines Elementary School was built in 1969 with an addition in 1999 on a 3.4-acre site. The school's gross square footage is 71,800 square feet, with an overall capacity of 692 students.

### PERCENTAGE OF TIME SPENT AT A LOCATION

### IN A MODALITY

- 1% TWO CLASSES
- 26% WHOLE CLASS
- 7% LARGE GROUP
- 25% SMALL GROUP
- 13% PAIRS
- 27% INDEPENDENT



Over the month of January, the DLR Group team assessed each building noting deficiencies in material finish and code compliance. The team also shadowed a student for a day to see the variety of learning modalities used. At day's end, an all staff meeting was held where faculty gave input about the strengths and weaknesses of the building. Data collected from these visits | meetings is shown in the above diagrams.

### TOP 5 TAKE-AWAYS

- LISTENING TOUR**
- 1 Class size constrains learning
  - 2 Only one main hallway through school
  - 3 PE spaces lacking
  - 4 Special Ed | Services need more space
  - 5 Issues with playground and pick-up / drop-off area

- BUILDING CONDITION**
- 1 Roof mechanical units are past expected life
  - 2 Accessibility lacking at classroom doors
  - 3 Replace mechanical piping, controls, and pumps
  - 4 Moisture evident at acoustical ceiling - bowing and stains
  - 5 Replace stair guardrails

- 77% CLASSROOM
- 6% GYM
- 5% CAFETERIA
- 3% LIBRARY
- 3% OUTDOORS
- 3% MUSIC
- 2% ART



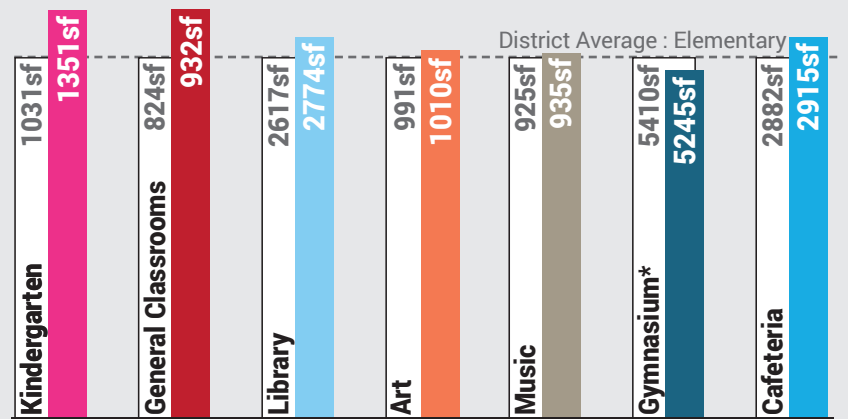
Current : 454  
 2017-18 : 444  
 2019-20 : 419

Capacity per SF : 692\*  
 Capacity per District Guidelines : 575

Post-2020 : Rises Slightly

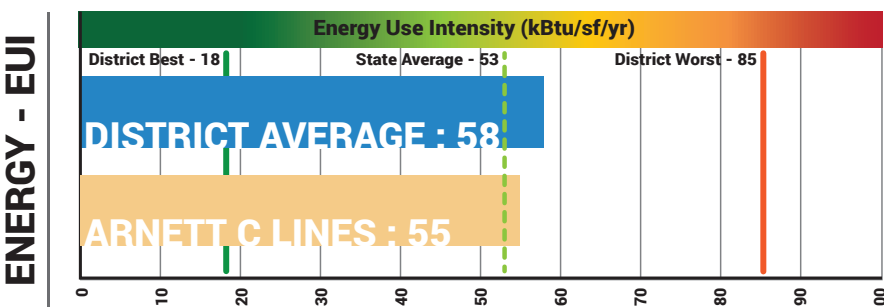
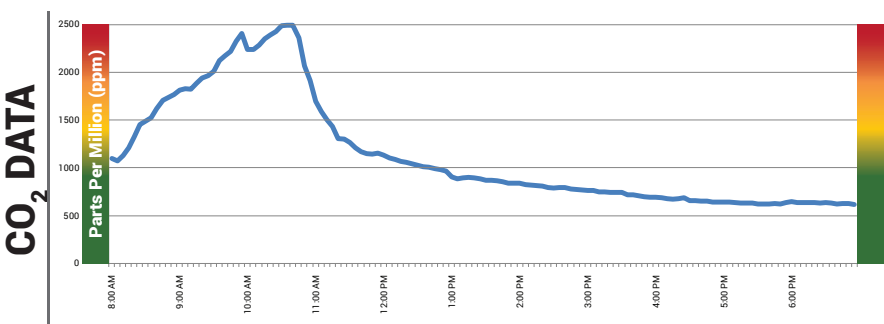
\* This capacity value is a measurement of students per square foot per State of Illinois guidelines and indicates the relative number of students that may be present at any one time. This may or may not directly correlate to the total enrollment when considering half day programs and other program offerings. The Blueprint 220 process will determine the facility's ability to support District goals and program offerings.

### AREA COMPARISON



158 square feet per student : 149 square feet per student  
 Arnett C. Lines Elementary : 2015 National Low Quartile\*

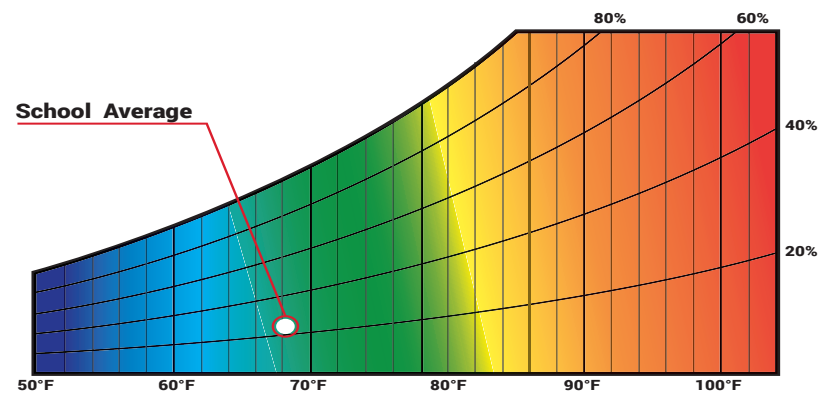
\* This comparison notes the difference between Arnett C. Line's area per student in comparison to the current National average as noted in the 2015 School Construction Report. The Blueprint 220 process will produce outcomes pertinent to the District as a whole. This is just one metric to compare space.



### Did you know . . .

- 52% of occupants complain of noise from adjacent space
- 63% are "Too Hot" in Summer
- 52% of occupants claim there is not enough fresh air
- 56% claim the cooling system does not respond quickly

### THERMAL COMFORT



### How is this information collected?

The DLR Group team collected data through the use of an environmental sensor. The sensor was placed in a predetermined room where it took in data from one to five days. The data was then analyzed using Excel.

