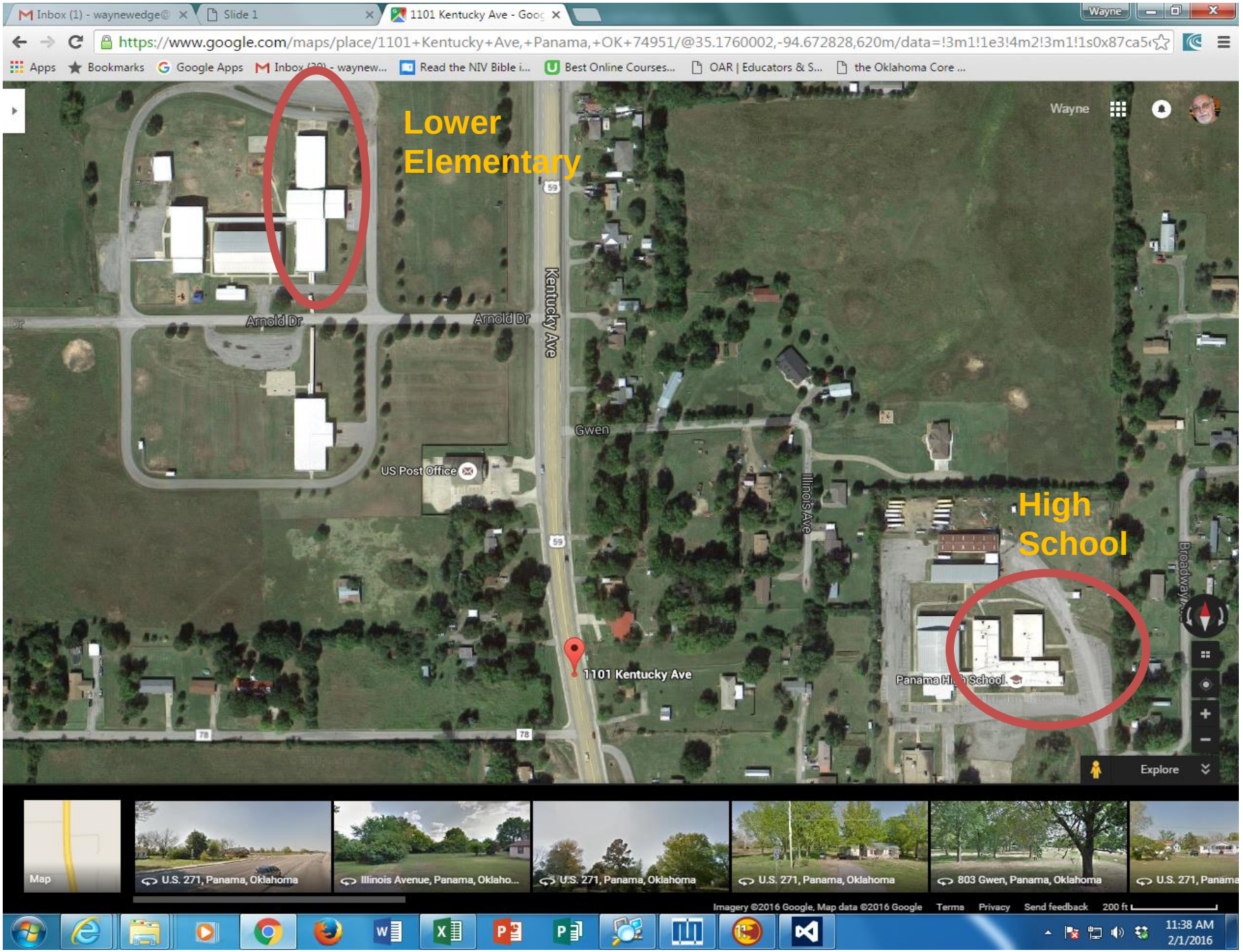
Panama Schools Technology

Network Overview - 2020

- Servers over 3 yrs old – **3** 2019 R2 Standard [64 bit]
- High School Switches (server room) – 4 Unifi 48 port POE switches 10 GB
- High School Switch (Janitors room) – 1 Unifi 24 port POE switch
- High School Switch (Rm 6) 1 Unifi 8 port POE switch.
- High School Gym - 1 Unifi 24 port POE switch.
- Ag Building and Music Building; 1 Unifi 24 port POE switch in each building
- Middle School – 1 Unifi 48 port POE switch 10 GB ; 1 Unifi -24 Port POE switch
- Upper Elementary – 4 Unifi 48 port POE switches 10 GB ; 24 port Unifi POE switch
- Lower Elementary – 3 Unifi 48 port POE switches 10 GB ; 24 port Unifi POE switch


Lower Elementary
High School
Arnold Dr
Arnold Dr
Kentucky Ave
Gwen
US Post Office
Illinois Ave
1101 Kentucky Ave
Panama High School
Broadway
Wayne
Explore
Map
U.S. 271, Panama, Oklahoma
Illinois Avenue, Panama, Oklaho...
U.S. 271, Panama, Oklahoma
U.S. 271, Panama, Oklahoma
803 Gwen, Panama, Oklahoma
U.S. 271, Panama
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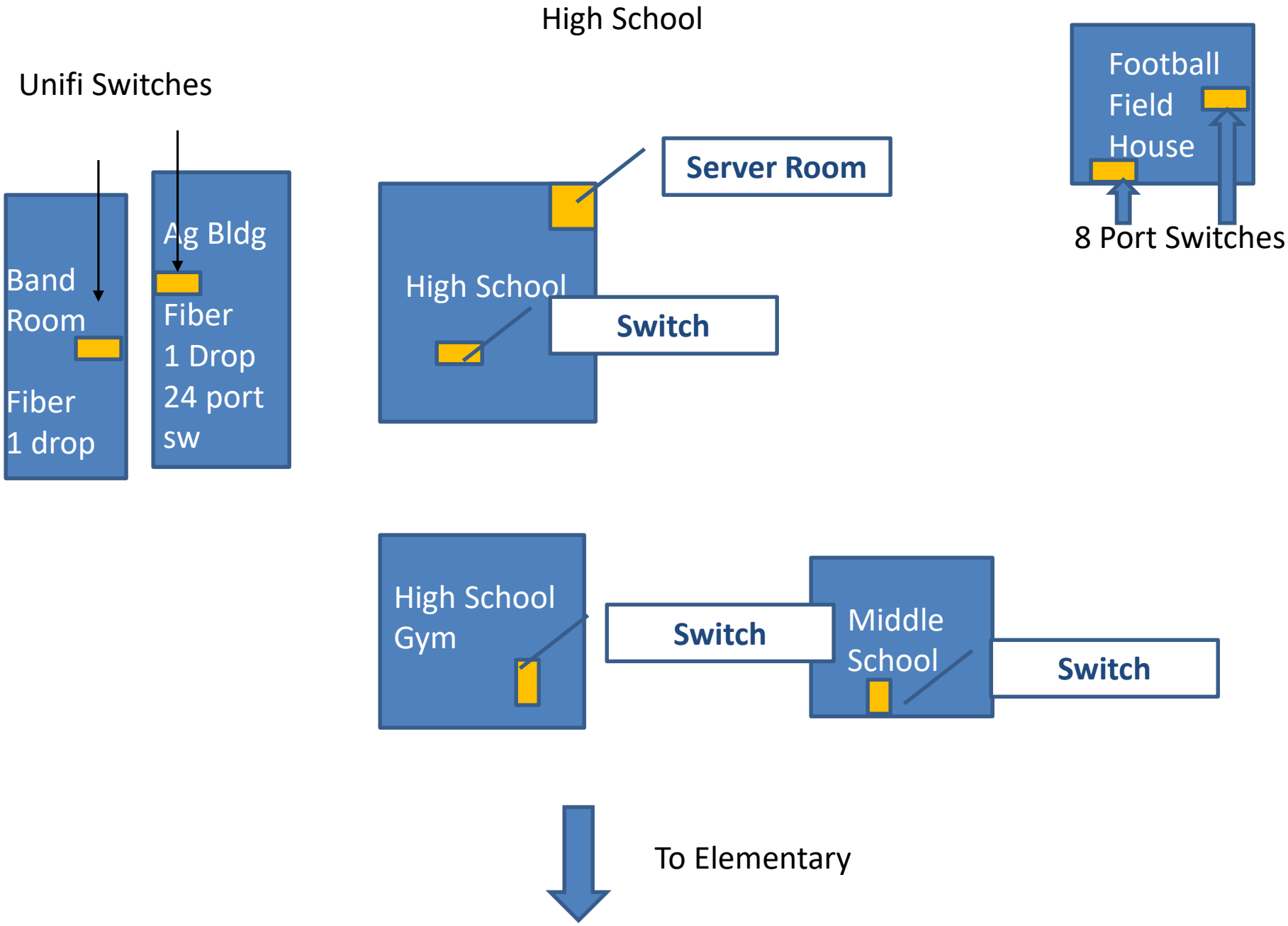
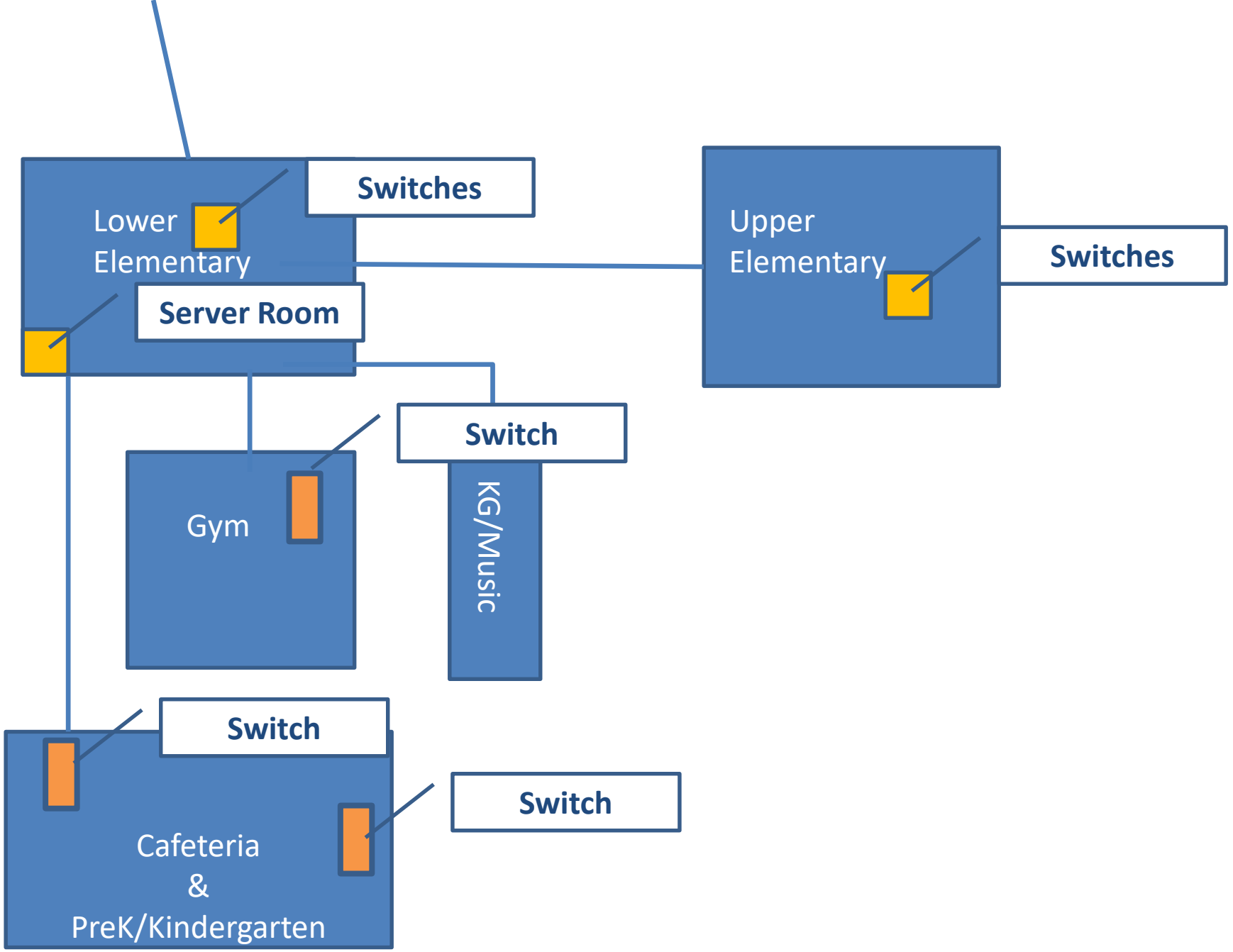
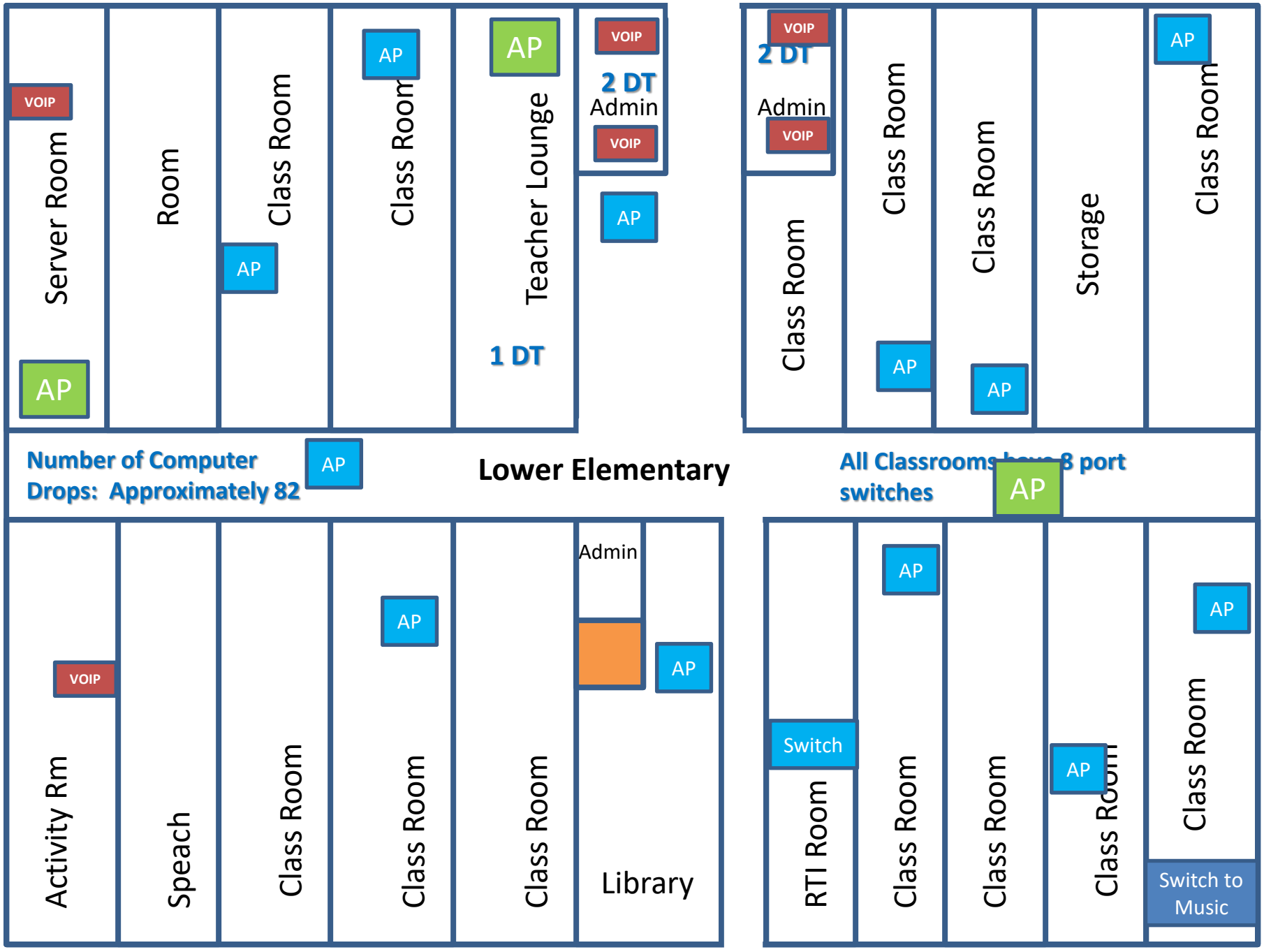
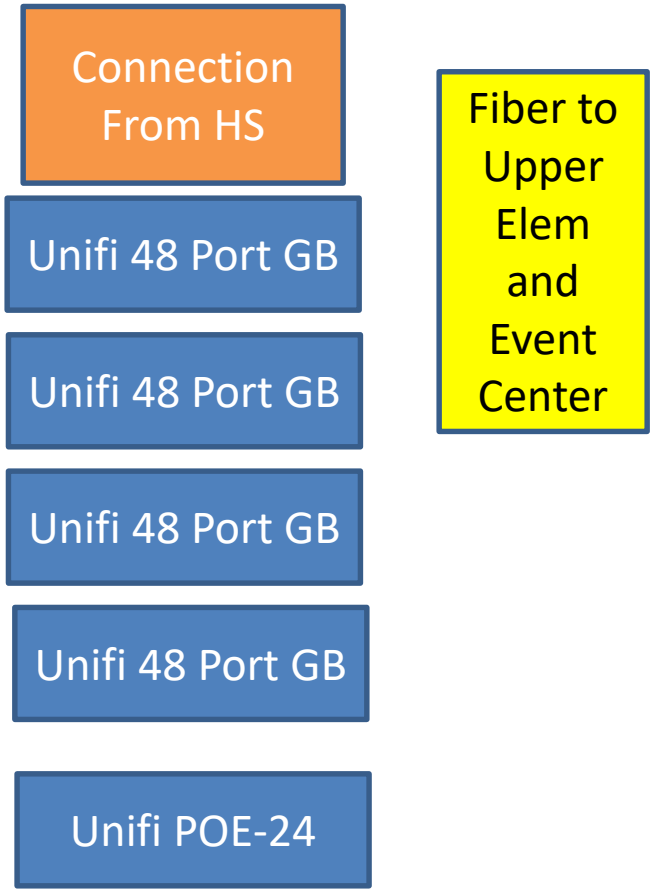

High School
Unifi Switches
Band Room
Fiber
1 drop
Ag Bldg
Fiber
1 Drop
24 port
sw
Server Room
High School
Switch
Football Field House
8 Port Switches
High School Gym
Switch
Middle School
Switch
To Elementary


Switches
Lower Elementary
Server Room
Upper Elementary
Switches
Switch
Gym
KG/Music
Switch
Switch
Cafeteria & PreK/Kindergarten


VOIP
Server Room
AP
Room
Class Room
AP
Class Room
AP
Teacher Lounge
AP
1 DT
VOIP
2 DT
Admin
VOIP
AP
VOIP
2 DT
Admin
VOIP
Class Room
Class Room
AP
Class Room
AP
Storage
Class Room
AP
Number of Computer Drops: Approximately 82
AP
Lower Elementary
All Classrooms have 8 port switches
AP
Activity Rm
VOIP
Speach
Class Room
Class Room
AP
Class Room
Admin
AP
Library
RTI Room
Switch
AP
Class Room
Class Room
AP
Class Room
AP
Class Room
Switch to Music

Lower Elem Server Room 1



Number of Computer Drops: 3

Cafeteria

2 DT

AP

2 DT

Gym

Number of Computer Drops: 2

Wireless from Lower Elementary Building

Number of Computer Drops: 4

PK

2 DT 1 LT

1 DT

PK 5 LT

AP

AP

3 DT

1 LT

KG

Number of Computer Drops: 4

3 DT

1 LT

KG

1 DT

Music

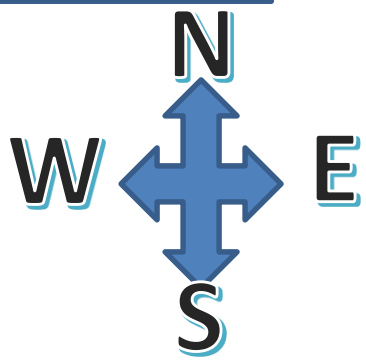
3 DT

1 LT

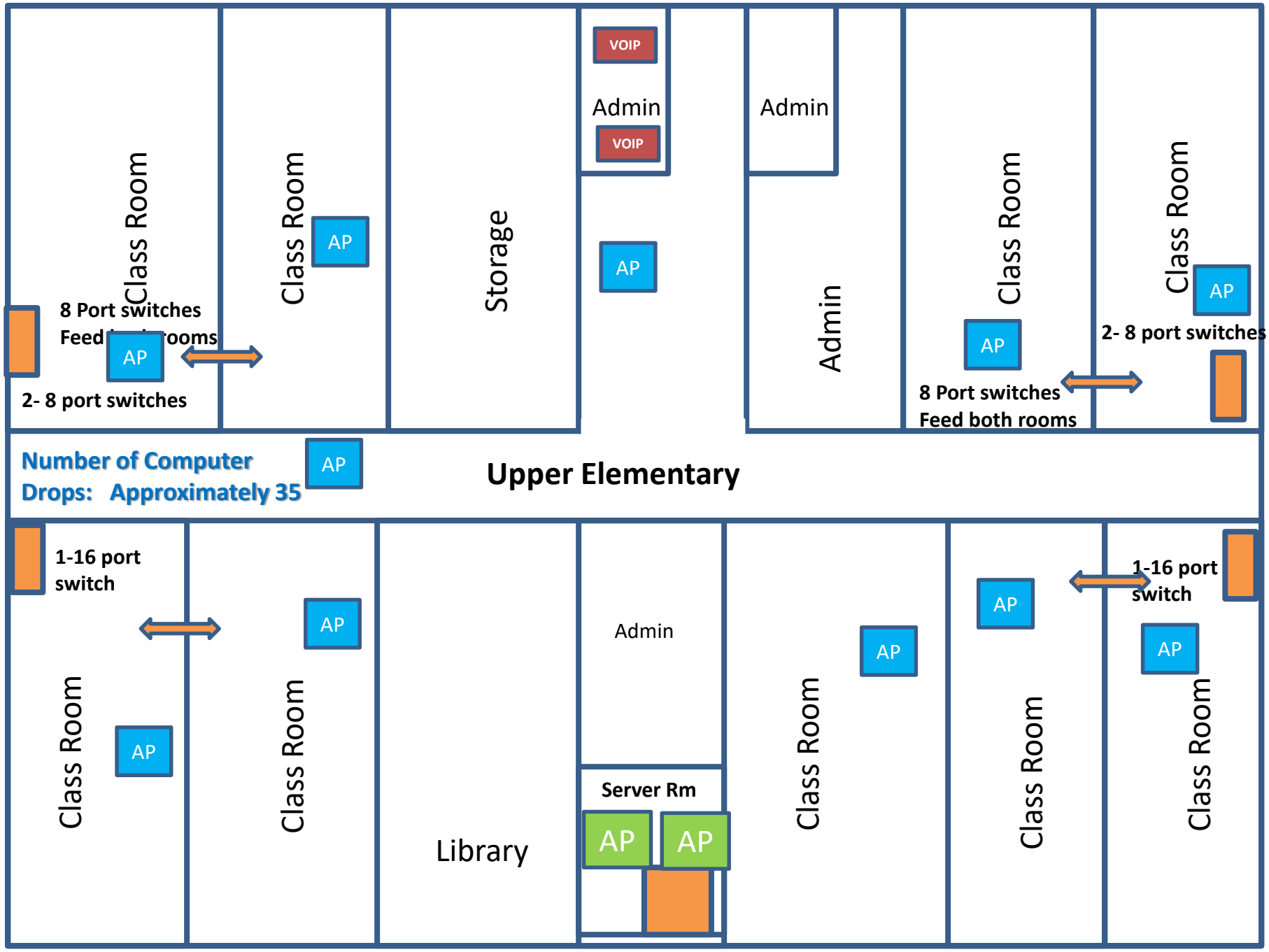
KG

Number of Computer Drops: 3

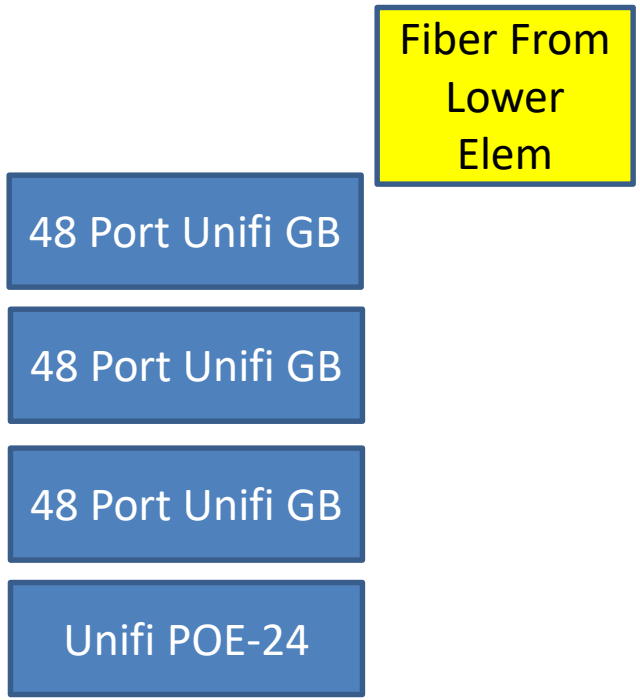
Total Number of Computer Drops: 16

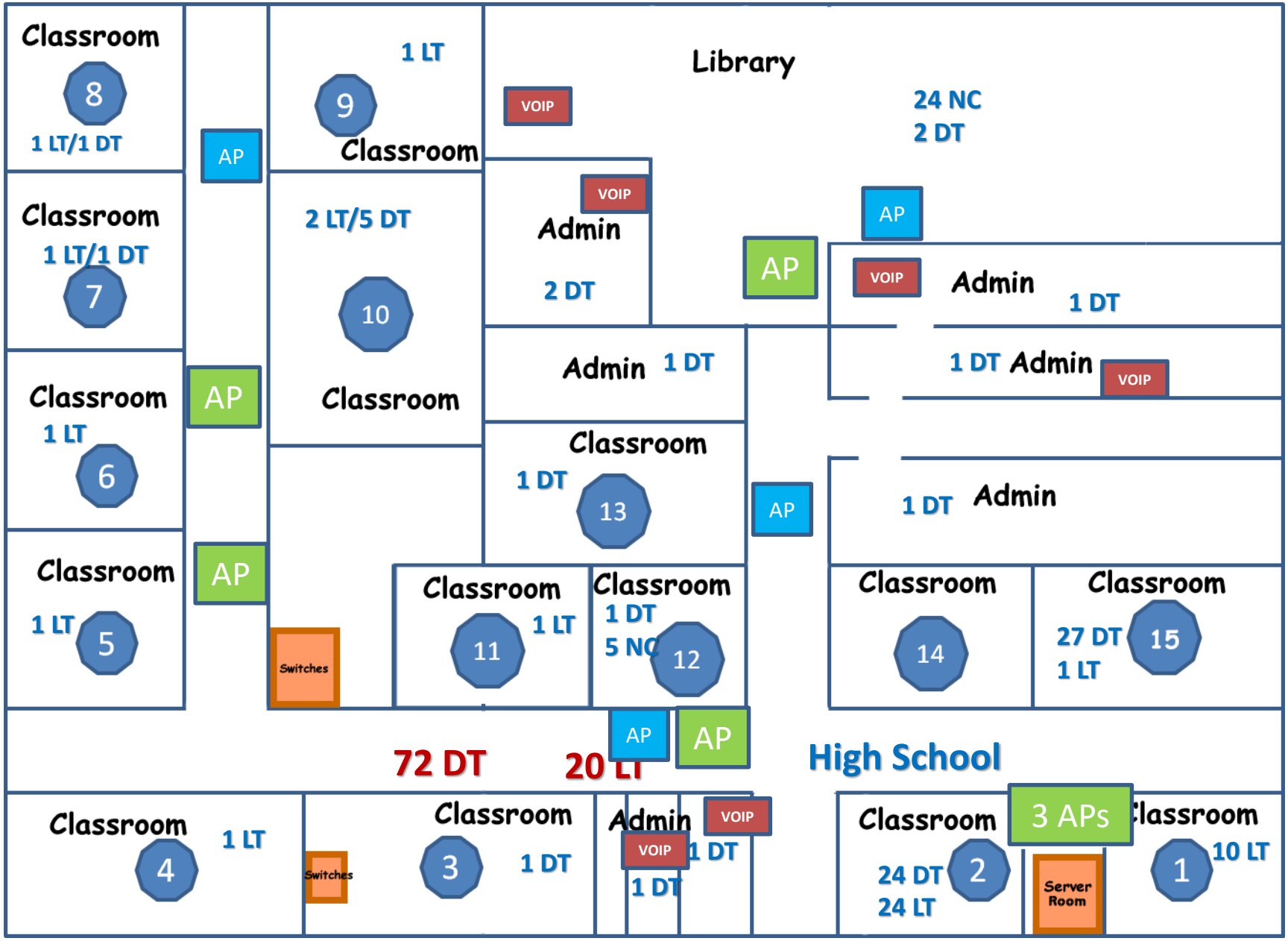


Elementary Buildings
Excluding Main Building

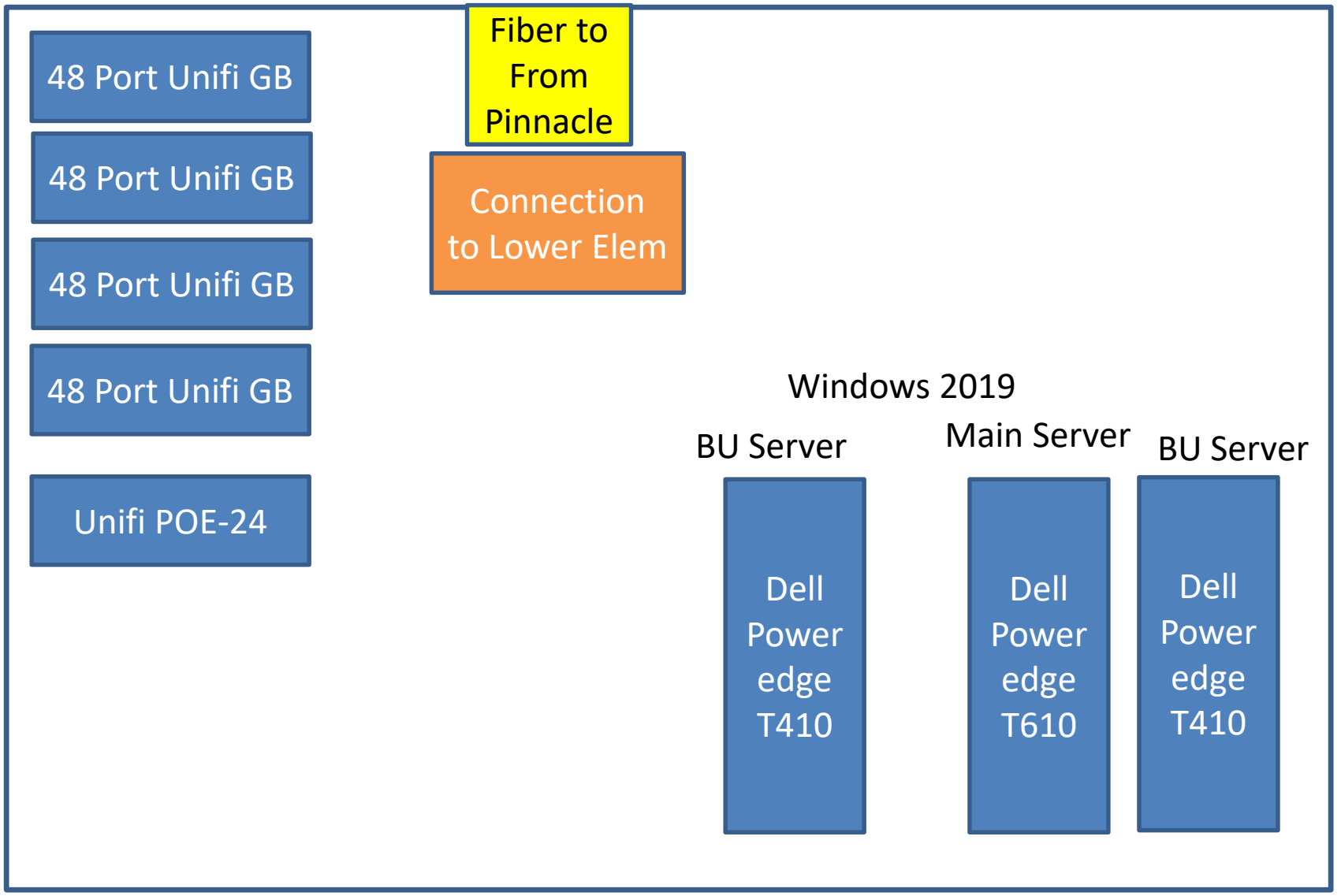

Class Room
Class Room
AP
Storage
VOIP
Admin
VOIP
AP
Admin
Admin
Class Room
Class Room
AP
AP
2- 8 port switches
8 Port switches
Feed both rooms
8 Port switches
Feed both rooms
AP
2- 8 port switches
Number of Computer Drops: Approximately 35
AP
Upper Elementary
1-16 port switch
AP
Class Room
AP
Class Room
Library
Admin
Server Rm
AP
AP
AP
Class Room
AP
Class Room
1-16 port switch
AP
Class Room

Upper Elem Server Room

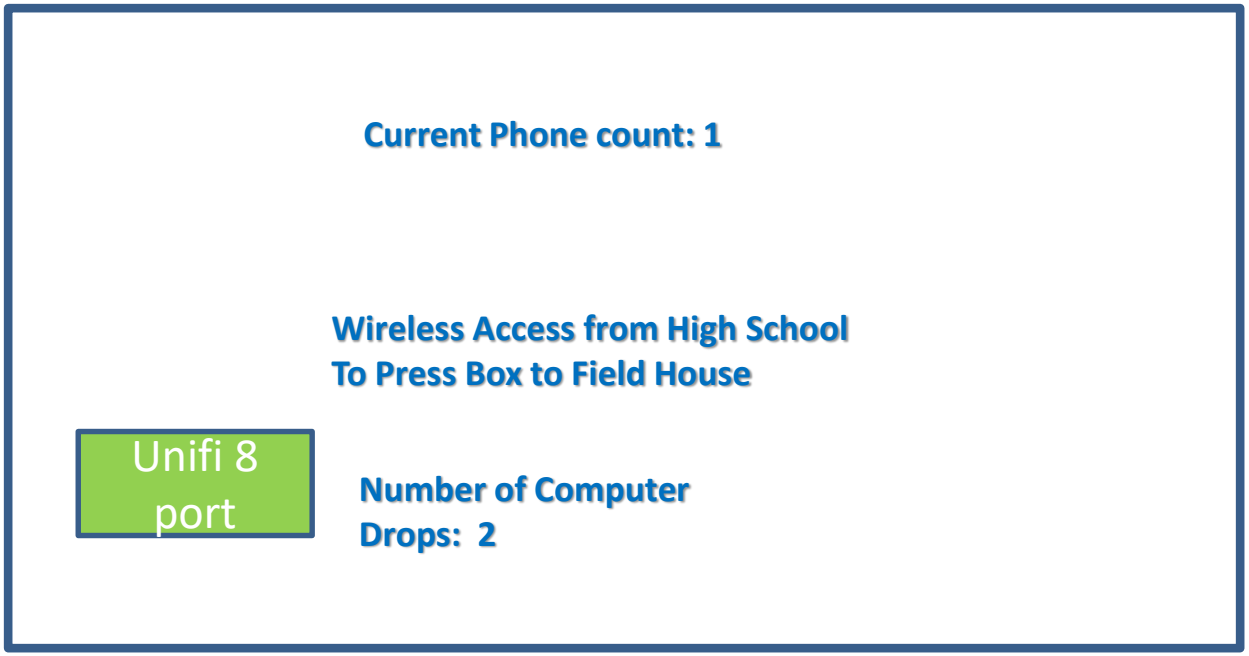



Classroom
8
1 LT/1 DT
Classroom
7
1 LT/1 DT
Classroom
6
1 LT
Classroom
5
1 LT
AP
AP
AP
1 LT
9
Classroom
2 LT/5 DT
10
Classroom
Switches
Library
VOIP
24 NC
2 DT
VOIP
Admin
2 DT
AP
Admin 1 DT
Classroom
1 DT
13
Classroom
1 LT
11
Classroom
1 DT
5 NC
12
AP
AP
AP
VOIP
Admin
1 DT
1 DT Admin
VOIP
1 DT Admin
Classroom
14
Classroom
27 DT
1 LT
15
72 DT
20 LT
High School
Classroom
1 LT
4
Switches
Classroom
3
1 DT
Admin
VOIP
VOIP
1 DT
1 DT
Classroom
24 DT
24 LT
2
3 APs
Server Room
Classroom
1
10 LT
Number of Computer Drops: 200 (Est)

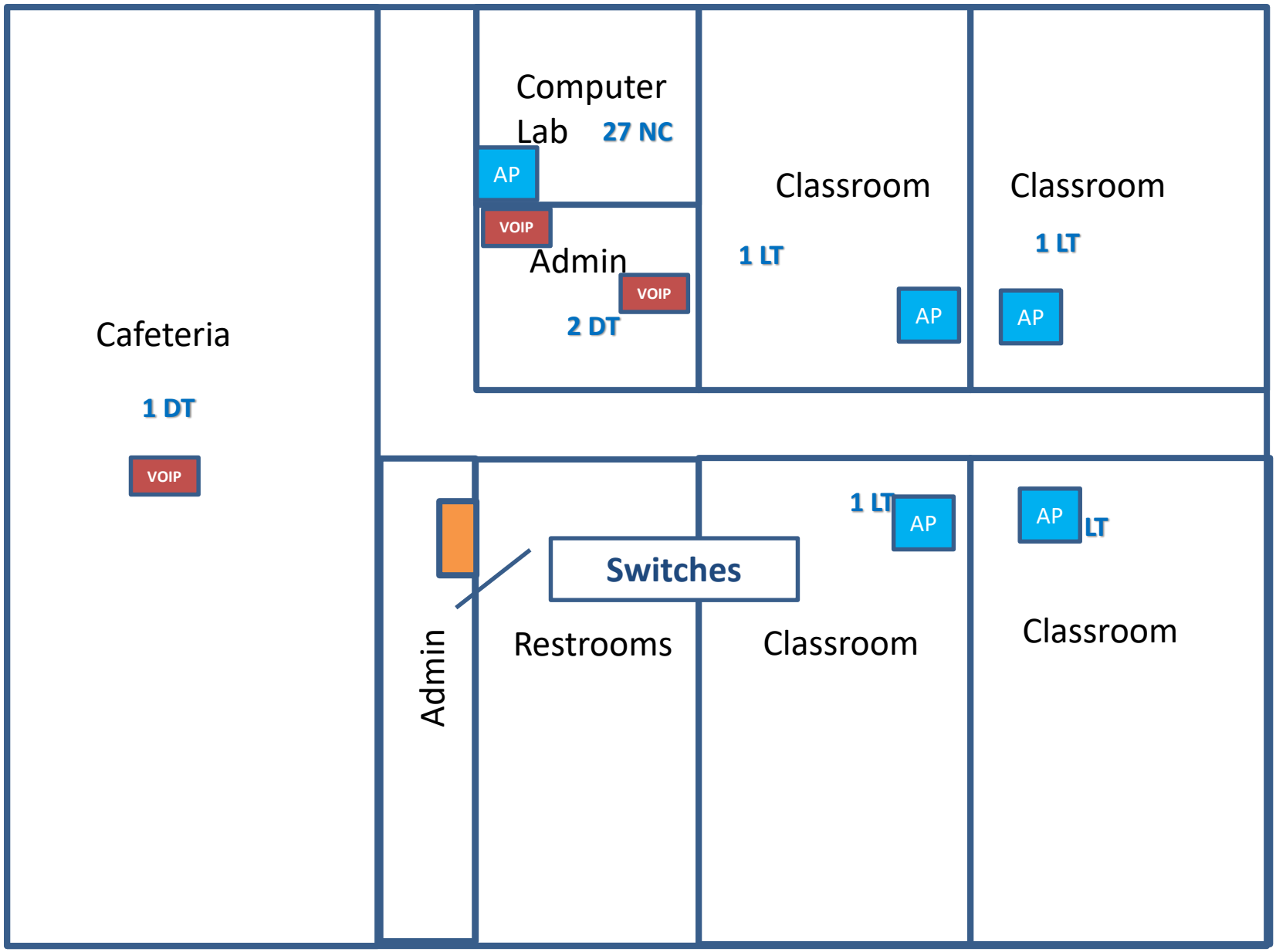
HS Main Server Room



Football Field House

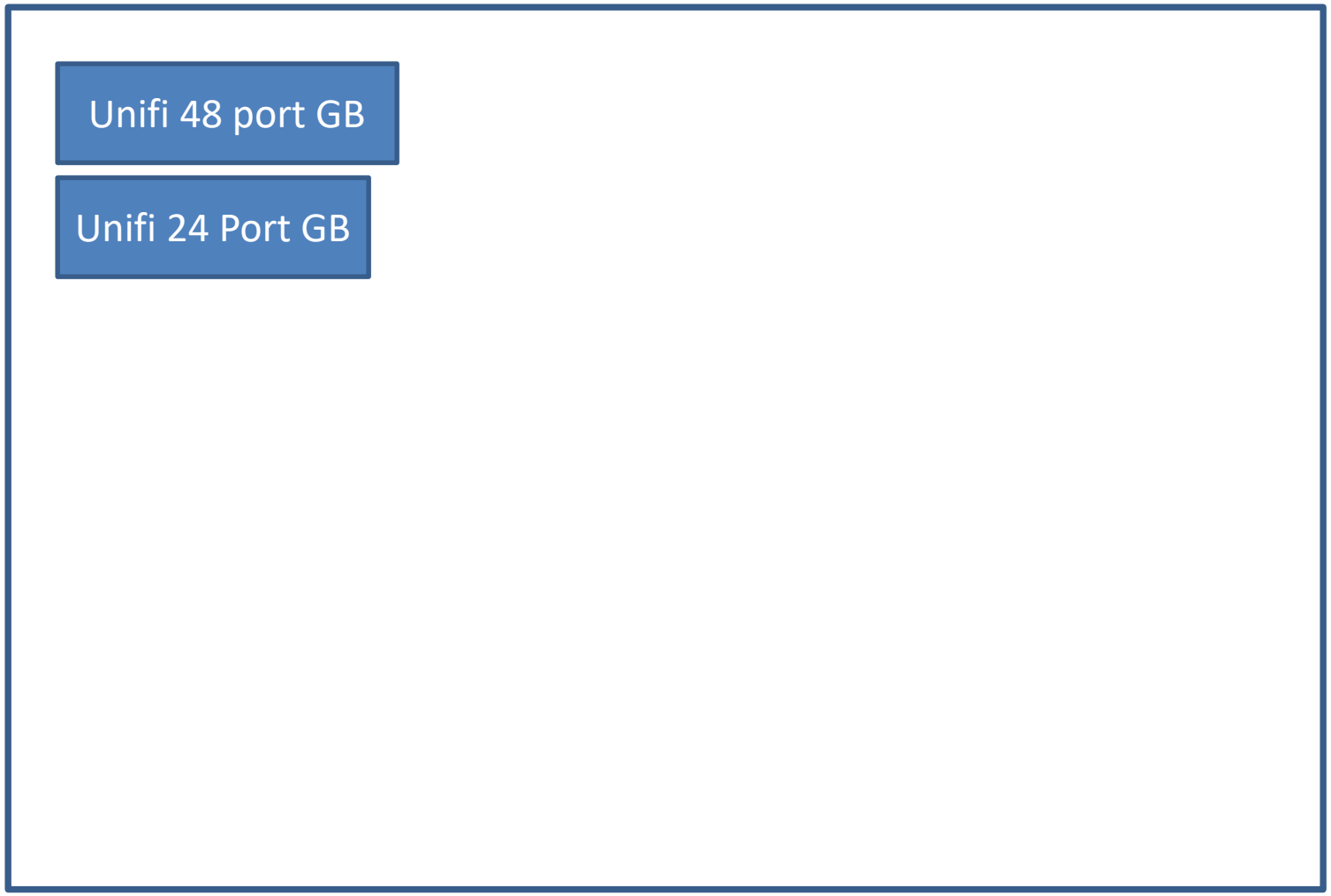


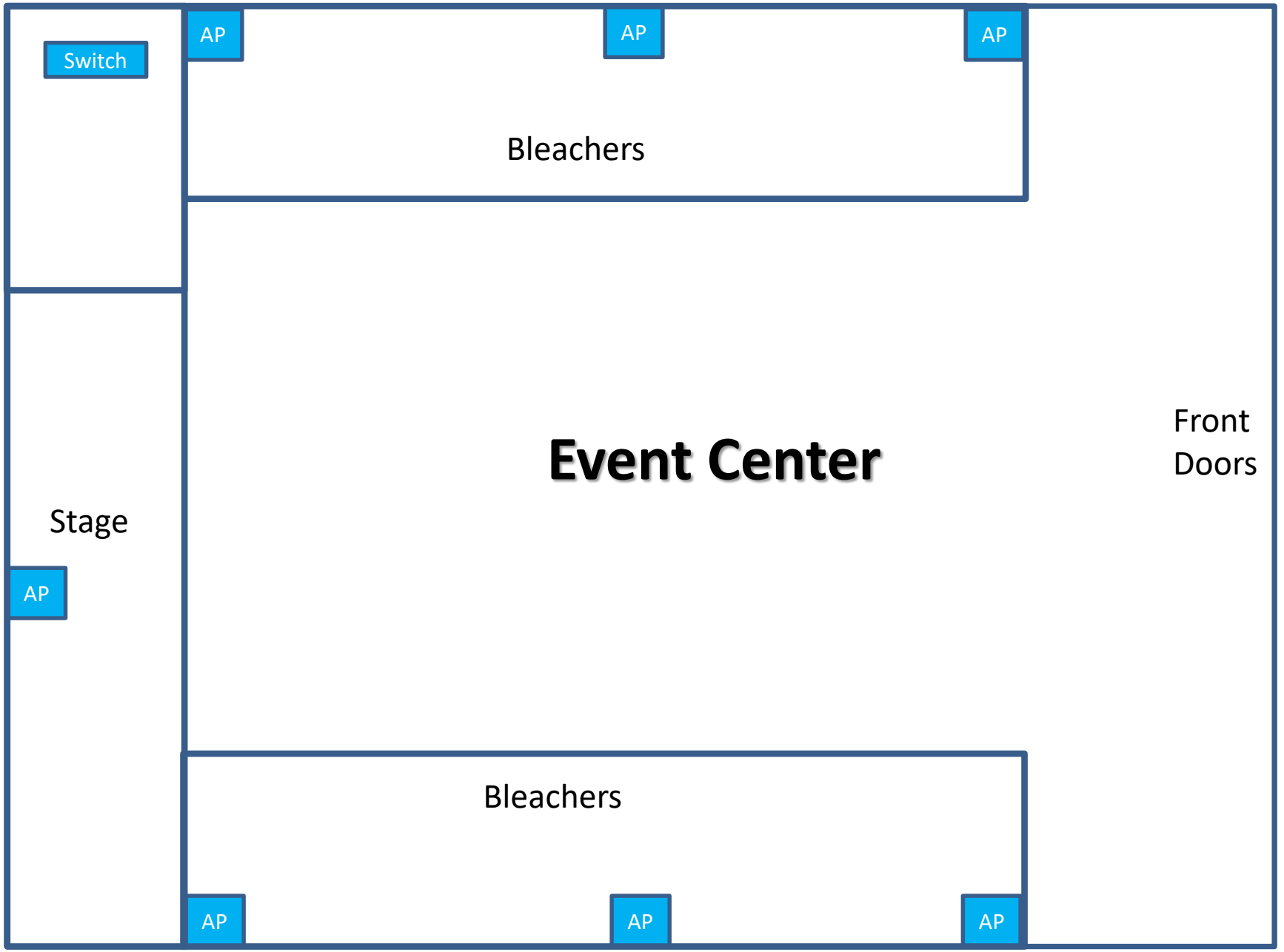
Middle School



Number of Computer Drops: 20

MS Server Room




Switch
AP
AP
AP
Bleachers
Event Center
Front
Doors
Stage
AP
Bleachers
AP
AP
AP