Piedmont Unified School District
Instructional Technology

Across three snapshots, students were on devices in about one in five rooms

Staff made 309 room observations across six sites on three different days and times: Thursday, October 1 (late morning), Friday, October 2 (afternoon), and Monday, October 5 (early morning).

Thursday, Oct 1

Late morning, 10:43 to 11:26 a.m.

22%

of rooms had students on devices

26 of 118 rooms observed



Friday, Oct 2

Afternoon, 1:29 to 1:50 p.m.

22%

of rooms had students on devices

21 of 97 rooms observed



Monday, Oct 5

Early morning, 8:44 to 9:09 a.m.

19%

of rooms had students on devices

18 of 94 rooms observed



Student use, active Student use, passive Teacher-led tech only

Analog / screen free Numbers in the bars are rooms.

What we saw

About one in five rooms had students on devices, and that held up across all three snapshots. The shares were 22% on Thursday late morning, 22% on Friday afternoon, and 19% on Monday early morning. Pooled together, students were on devices in 65 of 309 observations (21%).

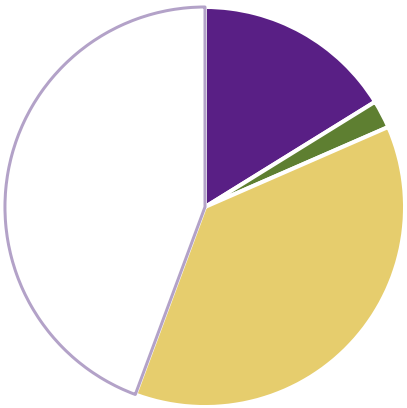
Students were not on screens in 244 of 309 observations (79%). 136 (44%) were completely analog or screen free, and 108 more had only teacher-led technology.

Where devices showed up was consistent. Piedmont High was highest at every snapshot (40% to 45% of rooms), Piedmont Middle was next (22% to 30%), and the three elementary sites were lowest (2% to 8%).

Most spaces never had students on devices. Of the 104 spaces observed at least twice, 69 (66%) never did, 26 (25%) did in some snapshots, and 9 (9%) did every time we looked. All 9 of the every-time spaces were at the secondary schools.

When students were on devices, the work was mostly active. Of 57 observations coded as student use, 50 (88%) were active (writing, coding, editing, researching) and 7 were passive (videos or reading).

What was happening across all 309 observations

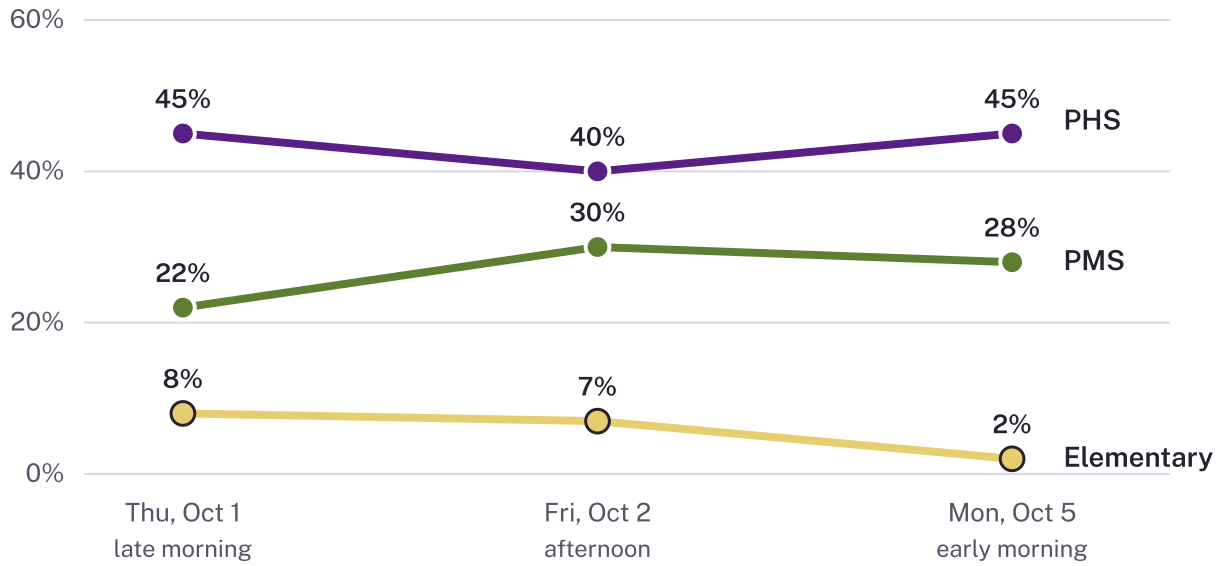


- **Analog / screen free**
  137 observations, 44%
- **Teacher-led tech only**
  115 observations, 37%
- **Student use, active**
  50 observations, 16%
- **Student use, passive**
  7 observations, 2%

Counts follow the classroom mode observers selected. Percentages are rounded and may not add to exactly 100%.

Share of rooms with students on devices, by school level

Each point is one snapshot. Millennium High is left out of this chart because only 3 rooms were observed, and none in the third snapshot.



By site

Share of observed rooms with students on devices at each site, by snapshot. Stronger purple shading means a larger share.

Site	Thu, Oct 1 late morning	Fri, Oct 2 afternoon	Mon, Oct 5 early morning
Havens Elementary	0% 0 of 19	0% 0 of 18	6% 1 of 17
Beach Elementary	10% 2 of 21	12% 2 of 17	0% 0 of 18
Wildwood Elementary	14% 3 of 21	9% 1 of 11	0% 0 of 12
Piedmont Middle (PMS) Middle school	22% 5 of 23	30% 7 of 23	28% 7 of 25
Piedmont High (PHS) High school	45% 14 of 31	40% 10 of 25	45% 10 of 22
Millennium High High school	67% 2 of 3	33% 1 of 3	Not observed

Sites differ in grade level, schedule, and size, and the rooms visited changed from one snapshot to the next, so this is a picture of three moments and not a ranking.

Were the same rooms using devices each time?

This looks only at spaces we observed at least twice. "Every snapshot" means students were on devices each time that space was observed.

All sites

104 spaces



Elementary

51 spaces



Piedmont Middle

24 spaces



Piedmont High

28 spaces



Never had student devices Some snapshots Every snapshot

Student devices were in use at every observation in a small number of secondary spaces, at some observations in a larger group, and at none in most spaces, especially at the elementary sites.

How to read these numbers

- The three snapshots were on different days and at different times, and different rooms were visited each time (118, 97 and 94 observations). That means time of day cannot be separated from day of week or from which rooms were seen.
- Observers chose a classroom mode and estimated the share of students on devices, so counts reflect each observer's judgment.
- These snapshots record whether technology was in use, not what was being taught or how well students were learning.