How do category weights affect formative assessment work completion and overall course performance?

70/30 Courses - Formative Assessment Data Sem 1

Courses	Formative Assessment Class Average	Semester 1 Class Average
English III	82.99%	80.46%
Earth Science	81.92%	82.28%
World Studies Honors	92.44%	89.09%
Exploring FACS	87.81%	87.29%
AP Computer Science A	93.12%	89.01%

80/20 Courses - Formative Assessment Data Sem 1

Course	Formative Assessment Class Average	Semester 1 Class Average
Chemistry/Physics 1	82.39%	82.58%
Spanish I	83.43%	84.02%
Economics	87.48%	88.24%
Algebra 2/Trigonometry	81.87%	82.01%
English II	88.54%	84.83%
AP Government and Politics	85.01%	84.49%

90/10 Courses - Formative Assessment Data Sem 1

Course	Formative Assessment Class Average	Semester 1 Class Average
Honors Precalculus	95.45%	88.30%
AP Statistics	91.25%	82.73%
Physics in the Universe	77.00%	83.02%
Earth Science	81.80%	79.80%
AP English Language and Composition	92.49%	90.50%
AP English Literature	93.56%	89.14%

100/0 Courses - Formative Assessment Data Sem 1

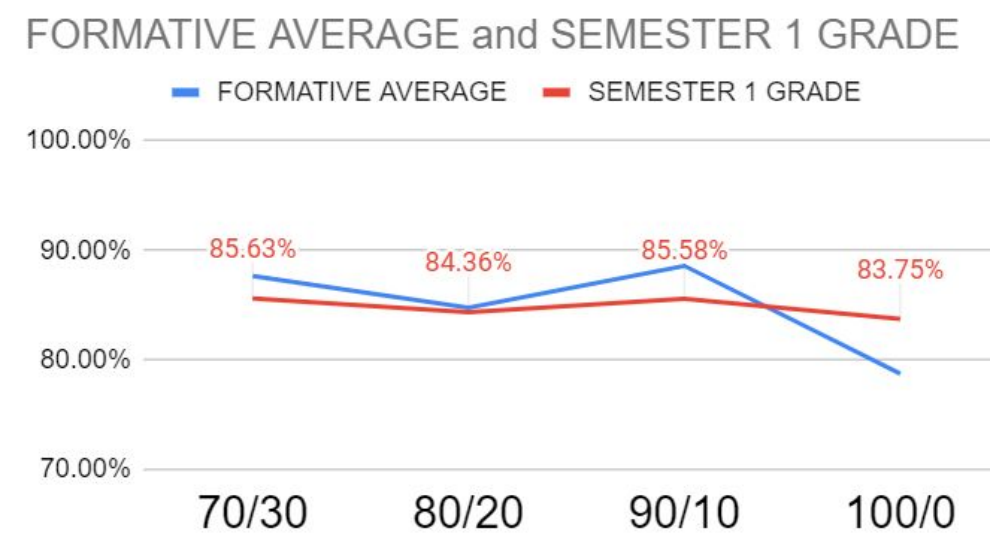
Course	Formative Assessment Class Average	Semester 1 Class Average
Chemistry Honors	82.71%	86.68%
AP Physics C	72.88%	89.33%
Chemistry	76.34%	76.04%
AP Chemistry	83.04%	82.95%

Course (Top 15 from previous slides)	Grade Weight	Formative	Overall
Honors Precalculus	90/10	95.45%	88.30%
AP English Literature	90/10	93.56%	89.14%
AP Computer Science A	70/30	93.12%	89.01%
AP English Language and Composition	90/10	92.49%	90.50%
World Studies Honors	70/30	92.44%	89.09%
AP Statistics	90/10	91.25%	82.73%
English II	80/20	88.54%	84.83%
Exploring FACS	70/30	87.81%	87.29%
Economics	80/20	87.48%	88.24%
AP Government and Politics	80/20	85.01%	84.49%
Spanish I	80/20	83.43%	84.02%
AP Chemistry	100/0	83.04%	82.95%
English III	70/30	82.99%	80.46%
Chemistry Honors	100/0	82.71%	86.68%
Chemistry/Physics 1	80/20	82.39%	82.58%

Course (Top 15 from previous slides)	Grade Weight	Formative	Overall
AP English Language and Composition	90/10	92.49%	90.50%
AP Physics C	100/0	72.88%	89.33%
AP English Literature	90/10	93.56%	89.14%
World Studies Honors	70/30	92.44%	89.09%
AP Computer Science A	70/30	93.12%	89.01%
Honors Precalculus	90/10	95.45%	88.30%
Economics	80/20	87.48%	88.24%
Exploring FACS	70/30	87.81%	87.29%
Chemistry Honors	100/0	82.71%	86.68%
English II	80/20	88.54%	84.83%
AP Government and Politics	80/20	85.01%	84.49%
Spanish I	80/20	83.43%	84.02%
Physics in the Universe	90/10	77.00%	83.02%
AP Chemistry	100/0	83.04%	82.95%
AP Statistics	90/10	91.25%	82.73%
Chemistry	100/0	76.34%	76.04%

Viewed another way…

GRADE WEIGHT	FORMATIVE AVERAGE	SEMESTER 1 GRADE
70/30	87.66%	85.63%
80/20	84.79%	84.36%
90/10	88.59%	85.58%
100/0	78.74%	83.75%



To consider:

- The consistency of the summative assessment average across all courses regardless of the grade weight
- The performance on formative assessments is not a consistent match with the amount that it is valued in the gradebook
- Drop in formative average by approx 5% in the 100/0 courses.
    - Worth noting that because of the 0% weight, not all formative assessments are included in each 100/0 gradebook.