

D8-Amplify Desmos Recommended Math Flow
2026-2027 School Year

Tier 1 instruction

All lesson activities are aligned directly to the NYC Math Shifts

5-8 Minutes	Warm up (Routine Brief) ✓ Refer to unit overview and daily lesson for the specific Routine Brief	● Launch ● Connect ○ Designed to: activate prior knowledge, generate discourse, enhance sense-making, encourage equitable engagement with mathematics. ○ Routines in the curriculum are sequenced by unit.
Approximately 25 minutes as delineated in Amplify	Launch sense-making Activity (Low Floor/High Ceiling Task/s) Teachers allow 1-2 minutes for students to independently explore the task/s. Students segue into collaborative work time using a variety of strategies Teacher helps connect student strategies and thinking, to the learning goal	The 5 Practices are built into each of these activities ● Launch ○ Activates prior knowledge to access the task ○ Provides a structure for students to share the “why” of their thinking in small groups ● <u>Monitor</u> ○ Teacher monitors student understanding by looking at student solution paths and offering guided and/or differentiated support through the use of a Monitoring Chart ○ Encourage discourse to help develop understanding and academic language ● <u>Connect</u> ○ Select and <u>sequence purposeful</u> work products for students to share and discuss that connect their strategies to the lesson’s learning goal
10 minutes Lesson synthesis	Whole class discussion (explicit instruction to take place if needed to bridge gap between students’ thinking and the lesson objective)	● Opportunity for selected students or groups to share their thinking and reflections with the class (this is not a simple recitation of the steps taken to solve) <u>**Students/groups should be selected intentionally.</u>
5 minutes Show What You Know (SWYK) for K-2 and Lesson Checkpoint for 3-8	Independent	● Students are to independently complete the SWYK/Lesson Checkpoint that is aligned to the lesson’s objective.