Problem Solving Labsite at Polaris Charter Academy

At Polaris, Lesson Study is modeled after a Japanese model of teacher-led research. Using existing evidence, participants collaboratively research, plan, teach and observe a lesson.
Lesson Study in Chicago

Labsite Process:
1. Outline the Labsite process.
2. Review norms.
3. Conduct research from existing evidence (student work, data, video, etc.)
4. Collaboratively prepare to teach the research lesson.
5. Prepare to collect data. (Create an Anticipatory Framework collaboratively)
6. Teach the lesson/ Observe & collect data.
7. Reflect on the labsite process.

Plan	Observe	Reflect & Plan

• Conduct research from student work or existing evidence.
• Plan a lesson together
• Identify an area of focus
• Predict how students will react and how you will asses
	• Teach the lesson with colleagues observing.
	• Pay particular attention to area of focus.
	• Conduct assessment & interviews (Anticipatory Framework)
		• After lesson, reflect together.
		  ○ Were your predictions correct? Why?
		  ○ What did you notice (student moves/ teacher moves)

Norms for Labsite:
- Activity & appropriately participate in lesson study (adhere to your role)
- Gently travel through the classroom
- Practice your "Neutral Response" with students.
- Be in learner stance
- Assume positive intent
- Do not bring out your phone or other technology at any point (unless you have been pre-cleared to video)

Roles During a Lesson Study:

Lead Teacher	Participants
Launch	
-Grade level appropriate launch -Lead transitions and routines as needed	-Observe & listen as lead teacher leads -Reflect on purpose of launch and link to learning targets -Use checklist to notice routines of problem solving (notice time spent)
Grapple Work Time	
-Confer with students -Select students to share -Gather a group huddle to pre-explain goal for rug time with participants and possibly get feedback/ideas	-Walking, observing students & gathering data on my AF -Conferring with students -Mirroring lead teacher moves -Think through select & sequence for share and discourse.
Share	
-select & sequence 2 to 4 students to share their math work. -lead student discourse -Wrap with synthesis moment/ learning target	-Observe & take notes of teacher choice of work shared & sequenced -observe student response to teacher's choice.