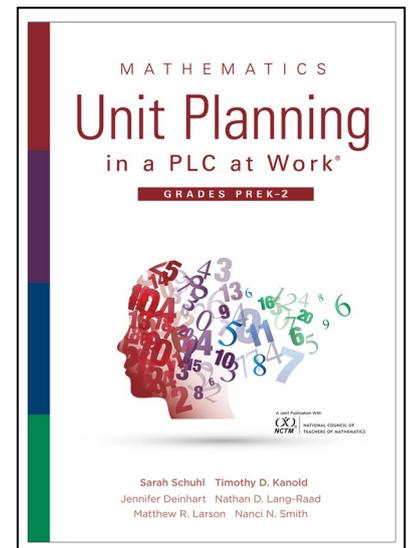


# Mathematics unit planning in a PLC at Work® Grades preK–2

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<b>Type</b>	Professional development
<b>Level</b>	Early childhood Primary
<b>Topics</b>	Mathematics Numeracy Professional Learning Communities
<b>Supplementary resources</b>	Download reproducible resources at <a href="http://go.hbe.com.au">go.hbe.com.au</a>



## Summary

*Mathematics unit planning in a PLC at Work®*, Grades preK–2 provides prekindergarten to grade 2 teachers with a seven-step framework for collectively planning units of study. Authors Sarah Schuhl, Timothy D Kanold, Jennifer Deinhart, Nathan D Lang-Raad, Matthew R Larson and Nanci N Smith help teams identify what students need to know by the end of each unit and how teachers can build student efficacy. They advocate using the Professional Learning Community at Work (PLC) process to increase mathematics achievement and give students more equitable learning experiences. The authors share tools and protocols for effectively performing collaborative tasks, such as unwrapping standards, generating unit calendars, determining academic vocabulary and rigorous lessons, utilising and sharing self-reflections and designing robust units of instruction. This book provides practical insights into collaborative planning and detailed, inspiring models of this work in actions.

Mathematics teams will:

- learn how to build a shared understanding of the content students need to know in each grade level by using seven planning elements
- find protocols for unit planning and reproducible templates
- understand how teams can successfully incorporate each unit-planning element in their unit designs
- examine four model units on foundations of addition and subtraction, one for each grade level
- review the role of the PLC at Work process in enhancing student learning and teacher collaboration.

## Other resources

- *Mathematics unit planning in a PLC at Work<sup>®</sup>, Grades 3–5* (SOT1376)
- *Mathematics homework and grading in a PLC at Work<sup>™</sup>* (SOT7408)
- *Mathematics instruction and tasks in a PLC at Work<sup>™</sup>* (SOT7415)
- *Mathematics assessment and intervention in a PLC at Work<sup>™</sup>* (SOT7385)