→ "Assessing Students' Understanding of Fraction Multiplication" appendix (p. 1 of 5)

TABLE 1

elpful resources, orga	anizations, and tools were used to collaborate during the project.	
Helpful resources, organizations, and tools		
Organizations and tools	Description of organizations and tools	
Illustrative Mathematics	Illustrative Mathematics (IM) is a discerning community of educators dedicated to the coherent learning of mathematics. IM shares carefully vetted resources for teachers and teacher leaders to provide children with an understanding of mathematics and skills for using it. Illustrative Mathematics has provided instructional and assessment tasks, lesson plans, unit blueprints, practice standard elaboration and materials, professional learning videos and other resources for teachers, assessment writers, and professional developers since 2011. http://www.illustrativemathematics.org	
Teaching Channel	Teaching Channel is an online community where teachers can watch, share, and learn diverse techniques to help every student grow. Teaching Channel (TCH) Teams is a fee-based, private professional learning platform. TCH Teams allows teachers to upload personally created videos or videos found on Teaching Channel to a private space where they can be shared, viewed, annotated and used for coaching and reflection. https://www.teachingchannel.org	
Google Hangouts and Google Docs	Google provides many free collaborative services. Google Hangouts is a service for group video calls. Google Docs allows for creating, editing, and collaborating on documents.	

TABLE 2

These fifth-grade instructional tasks align to the Common Core State Standards for Mathematics (CCSSM) (CCSSI 2010).		
Fifth-grade instructional tasks	Standards	
Connecting area model to a context	5.NF.B.4	
https://www.illustrativemathematics.org/content-standards/tasks/2075		
New park problem	5.NF.B.4	
https://www.illustrativemathematics.org/content-standards/tasks/2102	5.NF.B.6	
Cross country training	5.NF.B.4	
https://www.illustrativemathematics.org/content-standards/tasks/2080		
Sharing lunches	5.NF.A.2	
https://www.illustrativemathematics.org/content-standards/tasks/2074	5.NF.B.3	
	5.NF.B.4	
Cornbread fundraiser (task and lesson plan)	5.NF.B.4	
https://www.illustrativemathematics.org/content-standards/tasks/2078		
Extending multiplication from whole numbers	5.NF.B.4	
https://www.illustrativemathematics.org/content-standards/tasks/2076		
Mrs. Gray's homework assignment	5.NF.B.5.b	
https://www.illustrativemathematics.org/content-standards/tasks/2079	5.NF.B.4	
Scaling up and down	5.NF.B.5	
https://www.illustrativemathematics.org/content-standards/tasks/2101		
To multiply or not to multiply variation 2	5.NF.A	
https://www.illustrativemathematics.org/content-standards/tasks/2077	5.NF.B.6	

"Assessing Students' Understanding of Fraction Multiplication" appendix (p. 3 of 5)



→ "Assessing Students' Understanding of Fraction Multiplication" appendix (p. 4 of 5)



(continued on next page)

→ "Assessing Students' Understanding of Fraction Multiplication" appendix (p. 5 of 5)

