

NSBSD K-12 Math 2021-2022

Bold Type – Required

Regular Font- Supplemental program or assessment for use as indicated by formal and informal assessment, including teacher observation and classroom performance.

Grade	Materials	Time	Classroom	Iñupiaq Cultural	Formative Assessment (progress monitoring)	Benchmark Assessment
Tier 1 – Benchmark 35 th %tile and above (NWEA data reference)						
K-2	<ul style="list-style-type: none"> ➤ Bridges: <ul style="list-style-type: none"> -Number Corner -Problems and Investigations -Work Places 	60+ minutes of core instruction per day	Core Instruction should include a blend of whole group, small group, and individualized instruction. This allows for multiple teaching and learning strategies to meet the variety of student needs.	USE MAPKUQ UNITS Link Reach for Reading materials to ILF and filter for cultural sensitivity. Make personal connections to ILF themes and vocabulary daily. Plan for replacement of context for culturally/ experientially relevant context to ensure teaching of all grade level standards.	<i>Formative and short cycle assessments are essential to self-reflection and honing instruction.</i> AIMSWEB: <ul style="list-style-type: none"> ○ MCOMP ○ MCAP ○ TEN Bridges: <ul style="list-style-type: none"> -Check Points -Interviews -Work Place Guides Even if you are not using this program exclusively these assessments could be useful	NWEA-MAP Fall/Winter/Spring STAR Math Fall/Winter/Spring AIMSWEB: <ul style="list-style-type: none"> ○ MCOMP ○ MCAP ○ TEN Bridges: <ul style="list-style-type: none"> -Comprehensive Growth Assessments Number Corner: <ul style="list-style-type: none"> -Baseline Assessment -Check Ups (1-4) New Programs: <i>McGraw Hill/Glencoe Grades 3-12</i>
3-5	<ul style="list-style-type: none"> ➤ McGraw Hill-My Math <ul style="list-style-type: none"> -Number Corner ➤ Hybridge/Compass/Pathblazer (IPK/KAK/PIZ 3-5/AKP 3-5) A supplement to accompany classroom instruction with site selected materials. Accelerated Math/STAR Math (A supplement to accompany classroom instruction with site selected materials)	Note: 30 minutes of core instruction per day is individualized/differentiated				

					progress monitoring tools) New Programs: <i>McGraw Hill/Glencoe</i>	
6-12	<ul style="list-style-type: none"> ➤ Glencoe ➤ ALEKS- (A supplement to accompany classroom instruction with site selected materials) 	<p>60 minutes of core instruction per day</p> <p>Note: 30 minutes of core instruction per day is individualized/differentiated</p>	Core Instruction should include a blend of whole group, small group, and individualized instruction. This allows for multiple teaching and learning strategies to meet the variety of student needs.	<p>USE MAPKUQ UNITS</p> <p>Link Reach for Reading materials to ILF and filter for cultural sensitivity. Make personal connections to ILF themes and vocabulary daily.</p> <p>Plan for replacement of context for culturally/ experientially relevant context to ensure teaching of all grade level standards.</p>	<p><i>Formative and short cycle assessments are essential to self-reflection and honing instruction.</i></p> <p>Progress Monitoring tools embedded in digital and print programs</p>	<p>NWEA MAP Fall/Winter/Spring</p> <p>STAR Math Fall/Winter/Spring</p> <p>New Programs: <i>McGraw Hill/Glencoe</i></p> <p>Benchmark tools embedded in digital and print programs</p>
Adv. above 75 th %tile	During this year of initial implementation programs new programs will be evaluated for use with advanced students					

Tier 2—Strategic 10 th -24 th %ile (NWEA data reference)						
K-2	<ul style="list-style-type: none"> ➤ Bridges: <ul style="list-style-type: none"> -Number Corner -Problems and Investigations -Work Places -Intervention 	60 minutes of core instruction per day	Instruction should include a blend of whole group, small group, and individualized instruction. This allows for multiple teaching and learning strategies to meet the variety of student needs.	USE MAPKUQ UNITS Link Reach for Reading materials to ILF and filter for cultural sensitivity. Make personal connections to ILF themes and vocabulary daily. Plan for replacement of context for culturally/ experientially relevant context to ensure teaching of all grade level standards.	<i>Formative and short cycle assessments are essential to self-reflection and honing instruction.</i> AIMSWEB: <ul style="list-style-type: none"> ○ MCOMP ○ MCAP ○ TEN Bridges: -Check Points -Interviews -Work Place Guides Even if you are not using this program exclusively these assessments could be useful progress monitoring tools) New Programs: <i>McGraw Hill/Glencoe</i>	NWEA-MAP Fall/Winter/Spring STAR Math Fall/Winter/Spring AIMSWEB: <ul style="list-style-type: none"> ○ MCOMP ○ MCAP ○ TEN Bridges: -Comprehensive Growth Assessments Number Corner: -Baseline Assessment -Check Ups (1-4) New Programs: <i>McGraw Hill/Glencoe</i>
3-5	<ul style="list-style-type: none"> ➤ McGraw Hill-My Math <ul style="list-style-type: none"> -Number Corner ➤ Hybridge/Compass/Pathblazer A supplement to accompany classroom instruction with site selected materials. <ul style="list-style-type: none"> ➤ Accelerated Math/STAR Math (District Wide 3-12) 	Total 90 minutes of math instruction Note: Additional 30 minutes of instruction per day is individualized/ differentiated				
6-12	<ul style="list-style-type: none"> -Independent Work <ul style="list-style-type: none"> ➤ Glencoe/McGraw Hill ➤ Accelerated Math/STAR Math A supplement to accompany classroom instruction with site selected materials 	50-60 min (one period) minutes of core instruction per day				

	<p>➤ ALEKS/Individualized Intervention</p>	<p>Note: Additional 30 minutes (intervention) of instruction per day is individualized/differentiated</p> <p>Total 90 (1.5 periods) minutes of math instruction</p>				
Tier 3—Intensive and Special Ed 9 th %tile and below (NWEA data reference)						
K-5 (6)	<p><i>Students who are receiving tier three interventions but have not been identified as receiving IEP services must receive grade level core instruction in addition to intervention programs. Tier 3 interventions are individualized and best delivered one-to-one, and outside of the regular language arts block. The setting is flexible.</i></p> <p>➤ Hybridge/Pathblazer-Individualized Interventions</p> <p>➤ Bridges Interventions</p> <p>➤ Number Corner</p>	<p>60 minutes of core instruction per day</p> <p>Note: Additional 30 minutes of instruction per day is intervention</p> <p>Total 90 minutes of math instruction</p>	<p>Instruction should include a blend of whole group, small group, and individualized instruction. This allows for multiple teaching and learning strategies to meet the variety of student needs.</p>	<p>USE MAPKUQ UNITS</p> <p>Link Reach for Reading materials to ILF and filter for cultural sensitivity. Make personal connections to ILF themes and vocabulary daily. Plan for replacement of context for culturally/ experientially relevant context to ensure teaching</p>	<p><i>Formative and short cycle assessments are essential to self-reflection and honing instruction.</i></p> <p>AIMSWEB:</p> <ul style="list-style-type: none"> ○ MCOMP ○ MCAP ○ TEN <p>Bridges: -Check Points -Interviews -Work Place Guides Even if you are not using this</p>	<p>NWEA-MAP Fall/Winter/Spring</p> <p>STAR Benchmark Fall/Winter/Spring</p> <p>AIMSWEB:</p> <p>➤ MCOMP</p> <p>➤ MCAP</p> <p>➤ TEN</p> <p>Bridges: -Comprehensive Growth Assessments</p> <p>Number Corner: -Baseline Assessment</p>

				of all grade level standards.	program exclusively these assessments could be useful progress monitoring tools)	-Check Ups (1-4) New Programs: ➤
4-12	➤ Skill specific support	Math Block + additional time				
6-8	➤ Skill specific support	Math Block + additional time			New Programs:	
9-12	➤ Skill specific support	Math Block + additional time				

ELLs (NWEA data reference)					
K-5 (6)	➤ Academic vocabulary	Math Block	Whole group & Small group Instruction	Include connections to native language for concepts and voc.	Follow guidelines for tier 1, tier 2 and tier 3 as indicated by formal and informal assessments including teacher and ELL facilitator observations and classroom performance, based on WIDA assessment
6-12	➤ ELL connections in ALEKS ➤ DOL, SIOP ➤ Academic and professional vocabulary	Math Block & Intervention	Whole group & Small group Instruction	Include connections to native language for concepts and voc.	