

Title: _____ Rater: _____

5 Exceeds the criteria	4 Adheres to the criteria	3 Sometimes adheres to the criteria	2 Occasionally adheres to the criteria	1 Rarely adheres to the criteria
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Content and Organization

Instructional Materials:

- _____ 1. Provide content that is correlated to the Oregon State Core and Content Standards at each grade level.

Standards	Oregon state standards comprise a broad range of mathematical topics and promote problem solving, reasoning, communication, making connections, and designing and analyzing representations. The Beaverton School District is committed to a K-12 program that provides every student with the opportunity to become proficient in mathematics and its applications as determined by these standards.
Beaverton Math Program	The K-12 math program will be consistent within the District and coordinated across grade levels to ensure that all students receive the Program comprehensive instruction needed to meet or exceed state standards.

- _____ 2. Clearly state mathematical ideas and objectives for the year, units, and lessons.

Beaverton Math Program	The K-12 math program will be consistent within the District and coordinated across grade levels to ensure that all students receive the comprehensive instruction needed to meet or exceed state standards.
Introduction	The Beaverton School District recognizes the importance of mathematical literacy for all students. Today's students must effectively and efficiently problem-solve, use algorithms, and recall facts in our dynamic, fast-paced, integrated, and global society. Real-world problems of the 21st Century are complicated and require that students: <ul style="list-style-type: none"> ▪ Understand mathematical concepts ▪ Become fluent in computational skills ▪ Communicate precisely with appropriate, standard mathematical symbols and terms ▪ Make connections to other disciplines and applications ▪ Actively engage in their learning Each of these is a critical component of a rigorous and balanced K-12 mathematics program.

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_____ **3. Provide a clear and thoughtful progression of concept attainment, emphasizing connections between prior learning, current concepts, and future mathematical concepts.**

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Standards	Oregon state standards comprise a broad range of mathematical topics and promote problem solving, reasoning, communication, making connections , and designing and analyzing representations.
Introduction	Real-world problems of the 21st Century are complicated and require that students: <ul style="list-style-type: none"> ▪ Understand mathematical concepts ▪ Become fluent in computational skills ▪ Communicate precisely with appropriate, standard mathematical symbols and terms ▪ Make connections to other disciplines and applications ▪ Actively engage in their learning Each of these is a critical component of a rigorous and balanced K-12 mathematics program.

_____ **4. Present problem solving as an integral part of the learning process.**

Introduction	Today's students must effectively and efficiently problem-solve , use algorithms, and recall facts in our dynamic, fast-paced, integrated, and global society.
Standards	Oregon state standards comprise a broad range of mathematical topics and promote problem solving , reasoning, communication, making connections, and designing and analyzing representations.

_____ **5. Provide activities that promote student exploration and investigation of mathematical concepts.**

Introduction	Real-world problems of the 21st Century are complicated and require that students: <ul style="list-style-type: none"> ▪ Understand mathematical concepts ▪ Become fluent in computational skills ▪ Communicate precisely with appropriate, standard mathematical symbols and terms ▪ Make connections to other disciplines and applications ▪ Actively engage in their learning Each of these is a critical component of a rigorous and balanced K-12 mathematics program.
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Beaverton Math Program	Multiple teaching approaches complement each other so that all students learn and understand mathematics at a high level. Teacher-directed and student centered instruction are both powerful tools in the teaching and learning of mathematics which provide flexible and balanced instruction. Delivery of instruction will vary according to students' needs. Conceptual understanding , procedural fluency, and automatic recall of facts are mutually supportive components of the mathematics program.
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6. Provide contexts that promote student communication to both explain and justify their ideas, using appropriate terms and notation.

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Beaverton Math Program	Oregon state standards comprise a broad range of mathematical topics and promote problem solving, reasoning, communication , making connections, and designing and analyzing representations.

7. Include a variety of activities that promote higher level thinking.

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Technology	<p>Computerized calculations (e.g., calculators) are not to replace the student’s ability to think or to perform basic mathematical operations, but to allow the student to stretch his/her understanding and to focus on higher-level problems once appropriate computational skills have been mastered.</p> <p>Each of these is a critical component of a rigorous and balanced K-12 mathematics program.</p>
Beaverton Math Program	<p>Conceptual understanding, procedural fluency, and automatic recall of facts are mutually supportive components of the mathematics program.</p>

_____ **8. Provide a variety of activities (including open-ended tasks) for students to engage in mathematical reasoning using multiple methods and approaches.**

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_____ **9. Provide student materials that are engaging and promote the use of a wide variety of learning tools (e.g. print materials, graphics, technology, manipulatives, and online resources).**

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Technology	<p>Technology should be incorporated into the mathematics classroom as tools for teaching and learning. Computerized calculations (e.g., calculators) are not to replace the student’s ability to think or to perform basic mathematical operations, but to allow the student to stretch his/her understanding and to focus on higher-level problems once appropriate computational skills have been mastered.</p>

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_____ 10. Provide relevant applications for students to relate mathematics across the curriculum and to the world around them.

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Instructional Support

Instructional Materials:

_____ 11. Support multiple delivery options(including direct instruction and student-centered instruction) and address different learning levels and styles, while providing guidance on implementation.

Beaverton Math Program	<p>The District’s mathematics program must be academically challenging and differentiated in order to meet the needs and ensure progress in mathematical fluency for each and every student. Multiple teaching approaches complement each other so that all students learn and understand mathematics at a high level. Teacher-directed and student centered instruction are both powerful tools in the teaching and learning of mathematics which provide flexible and balanced instruction. Delivery of instruction will vary according to students’ needs.</p> <p>The K-12 math program will be consistent within the District and coordinated across grade levels to ensure that all students receive the comprehensive instruction needed to meet or exceed state standards.</p>
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_____ 12. Provide resources that include examples of teacher questions that promote discourse, possible student questions, and tips for overcoming common mistakes and misconceptions.

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Beaverton Math Program	<p>The District’s mathematics program must be academically challenging and differentiated in order to meet the needs and ensure progress in mathematical fluency for each and every student. Multiple teaching approaches complement each other so that all students learn and understand mathematics at a high level. Teacher-directed and student centered instruction are both powerful tools in the teaching and learning of mathematics which provide flexible and balanced instruction. Delivery of instruction will vary according to students’ needs.</p>

_____ 13. Provide differentiation for all subgroups (e.g. ELL, SPED, and TAG) to support all learning styles and learning levels through remediation and enrichment.

Beaverton Math Program	<p>The District’s mathematics program must be academically challenging and differentiated in order to meet the needs and ensure progress in mathematical fluency for each and every student. Multiple teaching approaches complement each other so that all students learn and understand mathematics at a high level. Teacher-directed and student centered instruction are both powerful tools in the teaching and learning of mathematics which provide flexible and balanced instruction. Delivery of instruction will vary according to students’ needs.</p>
Parent Community	<p>The Beaverton School District acknowledges that in order for our students to achieve at a high level, we need the support and cooperation of the parents and the larger, diverse community as a whole.</p>

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____ 14. Provide multiple and sufficient opportunities to practice and apply mathematical concepts.

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Beaverton Math Program	The District’s mathematics program must be academically challenging and differentiated in order to meet the needs and ensure progress in mathematical fluency for each and every student. Conceptual understanding, procedural fluency, and automatic recall of facts are mutually supportive components of the mathematics program.

____ 15. Provide teacher materials in multiple formats (e.g. printed materials, electronic, online, manipulatives, and test generators)

Beaverton Math Program	Multiple teaching approaches complement each other so that all students learn and understand mathematics at a high level. Teacher-directed and student centered instruction are both powerful tools in the teaching and learning of mathematics which provide flexible and balanced instruction. Delivery of instruction will vary according to students’ needs.
Teachers/ Administrators	The Beaverton School District recognizes and accepts responsibility for providing the significant resources necessary.

____ Yes ____ No 16. Provide student materials in multiple language formats.

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____ 17. Provide effective and on-going professional development for implementation and continued use of the curriculum.

Teachers/ Administrators	The District is committed to supporting teachers in attaining core content knowledge and developing effective teaching practices. The Beaverton School District recognizes and accepts responsibility for providing the significant resources necessary.
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Assessment Resources

Instructional Materials:

____ 18. Support both formative and summative assessment.

Teachers/ Administrators	The District is committed to supporting teachers in attaining core content knowledge and developing effective teaching practices. The Beaverton School District recognizes and accepts responsibility for providing the significant resources necessary.
Beaverton Math Program	Multiple teaching approaches complement each other so that all students learn and understand mathematics at a high level. Delivery of instruction will vary according to students' needs.
Program Evaluation	The Beaverton School District's mathematics program will be assessed annually as to its effectiveness and modified accordingly. The program evaluation should include common assessments aligned across the District and needs to be based on reliable, valid data measured against state and national data, when available. This data will provide ongoing feedback to inform decisions on core curriculum and supplemental materials as well as teacher training.

____ 19. Provide assessments for various proficiency levels in conceptual understanding, basic and procedural skills, and problem solving.

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Standards	The Beaverton School District is committed to a K-12 program that provides every student with the opportunity to become proficient in mathematics and its applications as determined by these standards.
Beaverton Math Program	Conceptual understanding, procedural fluency, and automatic recall of facts are mutually supportive components of the mathematics program.

____ 20. Provide assessments in multiple formats (e.g. multiple choice, free response, open-ended, projects, and portfolios).

Teachers/ Administrators	The District is committed to supporting teachers in attaining core content knowledge and developing effective teaching practices. The Beaverton School District recognizes and accepts responsibility for providing the significant resources necessary.
Beaverton Math Program	Multiple teaching approaches complement each other so that all students learn and understand mathematics at a high level. Teacher-directed and student centered instruction are both powerful tools in the teaching and learning of mathematics which provide flexible and balanced instruction. Delivery of instruction will vary according to students' needs.
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Readability

Instructional Materials:

____ 21. Provide analysis of readability using the Lexile Framework for reading.

____ 22. Are written at an appropriate Lexile.

____ 23. Provide for struggling readers at several lower Lexiles.

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School-Home Connection

_____ 24. Provides school-home collaboration in support of the mathematical development of each student.