



**Academic Language Notebooks:
The Language of Math**
Correlated to
Alaska English Language Proficiency Standards

Grade 3 LISTENING

Alaska Mathematics Content Standards

A.1: pp. 2-9, 10-17, 18-25, 194-209, 210-217

ALN MODULES: 1, 2, 3, 25, 26, 27

C.2: All modules, every Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

E.2: All modules, every Lesson 1.

Every lesson 1 begins with a real life situation to introduce the concept of each module.

ALN = Academic Language Notebooks

Grade 4 LISTENING

Alaska Mathematics Content Standards

A.1: pp. 2-9, 10-17, 18-25, 28-29, 203-233, 234-241

ALN MODULES: 1, 3, 4, 26, 27,28, 29

C.2: All modules, every Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

E.2: All modules, every Lesson 1.

Every lesson 1 begins with a real life situation to introduce the concept of each module.

Grade 5 LISTENING

Alaska Mathematics Content Standards

A.1: pp. 2-9, 10-17, 18-25, 34-41, 42-57, 58-74, 82-121, 210-217

ALN MODULES: 1, 2, 3, 5, 6, 8, 11, 12, 13, 14, 15, 27

C.2: All modules, every Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

E.2: All modules, every Lesson 1.

Every lesson 1 begins with a real life situation to introduce the concept of each module.

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Grade 3 SPEAKING

Alaska Mathematics Content Standards

A.6: pp. 146-153

ALN MODULE: 19

C.1: pp. 146-153

ALN MODULE: 19

C.2: Every Module, Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

C.3: Every Module, Lesson 4.

Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

C.4: Every Module, Lesson 3.

Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

E.1: Every Module, Lessons 1 and 4.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

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Grade 4 SPEAKING

Alaska Mathematics Content Standards

A.6: pp. 146-161

ALN MODULES: 19, 20

C.1: pp. 2-11, 98-113, 146-161

ALN MODULES: 1, 13, 14, 19, 20

C.2: All Modules, Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

C.3: All Modules, Lesson 4.

Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

C.4: All Modules, Lesson 3.

Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

E.1: All Modules, Lessons 1 and 4.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

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Grade 5 SPEAKING

Alaska Mathematics Content Standards

A.6: pp. 96-97, 194-201, 218-225

ALN MODULES: 13, 25, 28

C.1: pp. 186-193, 226-241

ALN MODULES: 24, 29, 30

C.2: All modules, Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

C.3: All modules, Lesson 4.

Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

C.4: All modules, Lesson 3.

Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

E.1: All modules, Lessons 1 and 4.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

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Grade 3 READING

Alaska Mathematics Content Standards

A.1: pp. 2-9, 10-17, 18-25, 194-209, 210-217

ALN MODULES: 1, 2, 3, 25, 26, 27

A.4: pp. 68-69, 146-153, 168-169, 218-223

ALN MODULES: 9, 19, 21, 28

A.5: pp. 154-161, 162-169, 170-177, 178-185, 188-189

ALN MODULES: 20, 21, 22, 23

A.6: pp. 146-153

ALN MODULE: 19

B.5: All modules

Every problem solved in ALN checks the results against mathematical rules.

C.2: All Modules, Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

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Grade 4 READING

Alaska Mathematics Content Standards

A.1: 2-9, 10-17, 18-25, 28-29, 203-233, 234-241

ALN MODULES: 1, 3, 4, 26, 27, 28, 29

A.4: pp. 68-69, 92-93, 108-109, 114-137, 146-161

ALN MODULES: 9, 12, 14, 15, 16, 17, 19, 20

A.5: pp. 162-201

ALN MODULES: 21, 22, 23, 24, 25

A.6: pp. 146-161

ALN MODULES: 19, 20

B.5: All Modules

Every problem solved in ALN checks the results against mathematical rules.

C.2: All Modules, every Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

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Grade 5 READING

Alaska Mathematics Content Standards

A.1: pp. 2-9, 10-17, 18-25, 34-41, 42-57, 58-74, 82-121, 210-217

ALN MODULES: 1, 2, 3, 5, 6, 8, 11, 12, 13, 14, 15, 27

A.4: pp. 42-45, 60-61, 186-193, 226-233, 234-241

ALN MODULES: 6, 8, 24, 29, 30

A.5: pp. 121-161

ALN MODULES: 16, 17, 18, 19, 20

A.6: pp. 96-97, 194-201, 218-225

ALN MODULES: 13, 25, 28

B.5: All Modules

Every problem solved in ALN checks the results against mathematical rules.

C.2: All modules, every Lesson 1 and 3.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 3 teaches how to use language to explain math concepts and brings that language beyond the vocabulary and down to the sentence level.

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Grade 3 WRITING

Alaska Mathematics Content Standards

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ALN MODULES: 1, 2, 3, 25, 26, 27

A.2: pp. 42-49, 98-105, 106-113, 226-233

ALN MODULES: 6, 13, 14, 29

A.3: pp. 42-49, 194-209, 226-233

ALN MODULES: 6, 25, 29

A.4: pp. 68-69, 168-169, 218-223

ALN MODULES: 9, 19, 21, 28

A.5: pp. 154-161, 162-169, 170-177, 178-185, 188-189

ALN MODULES: 20, 21, 22, 23

A.6: pp. 146-153

ALN MODULE: 19

C.1: pp. 146-153

ALN MODULE: 19

C.3: Every module, Lesson 4.

Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

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E.1: Every module, Lessons 1 and 4.

Every lesson 1 begins with a real life situation to introduce the math concept of each module. Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

Grade 4 WRITING

Alaska Mathematics Content Standards

A.1: 2-9, 10-17, 18-25, 28-29, 203-233, 234-241

ALN MODULES: 1, 3, 4, 26, 27, 28, 29

A.2: pp. 42-49, 90-97, 130-137, 140-141

ALN MODULES: 6, 12, 17, 18

A.3: pp. 42-49, 90-97, 114-137

ALN MODULES: 6, 12, 15

A.4: pp. 68-69, 92-93, 108-109, 114-137, 146-161

ALN MODULES: 9, 12, 14, 15, 16, 17, 19, 20

A.5: pp. 162-201

ALN MODULES: 21, 22, 23, 24, 25

A.6: pp. 146-161

ALN MODULES: 19, 20

C.1: pp. 2-11, 98-113, 146-161

ALN MODULES: 1, 13, 14, 19, 20

ALN = Academic Language Notebooks

C.3: All Modules, Lesson 4.

Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

E.1: All Modules, Lessons 1 and 4.

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Grade 5 WRITING

Alaska Mathematics Content Standards

A.1: pp. 2-9, 10-17, 18-25, 34-41, 42-57, 58-74, 82-121, 210-217

ALN MODULES: 1, 2, 3, 5, 6, 8, 11, 12, 13, 14, 15, 27

A.2: pp. 34-41, 42-49, 58-65, 162-185

ALN MODULES: 5, 6, 8, 21, 22, 23

A.3: pp. 34-41, 234-241

ALN MODULES: 5, 30

A.4: pp. 42-45, 60-61, 186-193, 226-233, 234-241

ALN MODULES: 6, 8, 24, 29, 30

A.5: pp. 121-161

ALN MODULES: 16, 17, 18, 19, 20

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A.6: pp. 96-97, 194-201, 218-225
ALN MODULES: 13, 25, 28

C.1: pp. 186-193, 226-241
ALN MODULES: 24, 29, 30

C.3: All modules, every Lesson 4.
Every lesson 4 takes students through the process of solving problems and in that process they are taught how to justify and defend their answers orally and in writing.

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