WIT& WISDOM[®]

MORE MEANINGFUL ENGLISH

Oklahoma Academic Standards for English Language Arts Correlation to *Wit & Wisdom* **GRADE 4** June 2018

WIT & WISDOM®

ABOUT WIT & WISDOM

Wit & Wisdom® is a Kindergarten through Grade 8 English language arts (ELA) curriculum created by Great Minds®, a nonprofit that brings together teachers and experts who believe all students deserve access to rich, rigorous content. With Wit & Wisdom, every text a student explores is authentic and of the highest quality. Students use these texts at every turn-to learn, and eventually master, essential reading, writing, speaking, listening, grammar, and vocabulary skills. Instead of basals, students read books they love to build knowledge of important topics and to develop and refine literacy skills. All students read and discuss grade-level texts, and the curriculum includes suggestions for supporting this learning at key moments in the lessons.

Wit & Wisdom is composed of four modules per grade level. Each artfully explores a specific topic to develop depth of understanding and inspire curiosity. The core of each module is a selection of literary works, informational texts, and visual art. Modules are made up of approximately 30 lessons that are covered in six to eight weeks. All modules integrate reading, writing, speaking, listening, and language instruction.

Wit & Wisdom integrates ELA strands so that students read to learn; the curriculum does not systematically teach the youngest students to learn to read. For structured foundational skills instruction, Wit & Wisdom teacher-writers recommend that early elementary educators use Wit & Wisdom alongside a proven, research-based foundational skills program.

HIGH RATINGS

The independent, nonprofit reviewer EdReports.org gives Wit & Wisdom top ratings for text quality, building knowledge, and usability. Wit & Wisdom is the only ELA resource to receive a Tier 1 designation for all grades, Kindergarten through Grade 8, from the Louisiana Department of Education.

PROVEN RESULTS

Schools and districts nationwide are experiencing increased student engagement and growth with Wit & Wisdom. See their stories and data at greatminds.org/english.

ONGOING SUPPORT

To support and sustain successful implementation, Wit & Wisdom's team offers customizable professional development—online or on-site. *Wit & Wisdom* also includes support resources available only from Great Minds:

Introducing Wit & Wisdom • Core text list

- Implementation Guide •
- Module 0 (GK-2, G3-5, G6-8)

Extending Wit & Wisdom

- Parent Tip Sheets
- Volume of Reading text list
- Wit & Wisdom assessment resources (Standards Trackers and Question Sets)
- The Art of *Wit & Wisdom* (lessons and vocabulary relating to the curriculum's rich artwork)

Oklahoma Academic Standards for English Language Arts Correlation to *Wit & Wisdom*

GRADE 4 ENGLISH LANGUAGE ARTS

The majority of the Grade 4 Oklahoma Academic Standards for English Language Arts are fully covered by Grade 4 of the *Wit & Wisdom* curriculum. The areas where the Grade 4 Oklahoma standards and Grade 4 of the *Wit & Wisdom* curriculum do not align will require supplemental materials. A detailed analysis of alignment is provided in the table below. With strategic placement of supplemental materials, students can be successful in achieving the proficiencies of the Oklahoma standards while benefiting from the rich texts and knowledge building of *Wit & Wisdom*.

<u>KEY</u>

Wit & Wisdom fully addresses the Oklahoma standard.

Wit & Wisdom may not completely address the Oklahoma standard.

Wit & Wisdom does not address the Oklahoma standard.

Wit & Wisdom addresses the Oklahoma standard at a different grade level.

G = grade level	Examples:
M = module	G4 M1 L6 = Grade 4 Module 1 Lesson 6
L = lesson	G4 M1 L6DD = Grade 4 Module 1 Lesson 6 Deep Dive
DD = Deep Dive	

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
1. Speaking and	Reading	4.1.R.1	G4 M2 L30, L32
Listening Students will speak and listen effectively in a variety of situations	Students will develop and apply effective communication skills through speaking and	Students will actively listen and speak clearly using appropriate discussion rules.	
including, but not limited	active listening.	4.1.R.2	G4 M1 L26
to, responses to reading and writing.		Students will ask and answer questions to seek help, get information, or clarify information presented orally through text or other media to confirm understanding.	G4 M3 L29, L34
		4.1.R.3	G4 M2 L30
		Students will engage in collaborative discussions	G4 M3 L1, L3, L5, L8–9, L20–21, L27–29, L34
		about appropriate topics and texts, expressing their	G4 M4 L21, L27–29, L32
		own ideas clearly while	
		building on the ideas of	
		others in pairs, diverse	
		groups, and whole class	
		settings.	

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	 Aligned Components of Wit & Wisdom
	Writing	4.1.W.1	G4 M1 L16
	Students will develop and apply effective	Students will report on a topic or text, tell a story,	G4 M2 L33-34
	communication skills through speaking and	or recount an experience with appropriate facts	G4 M4 L5
	active listening to create individual and	and relevant, descriptive details, speaking audibly	
	group projects and	in coherent sentences at	
	presentations.	an appropriate pace.	
		4.1.W.2	G4 M2 L2, L11, L29
		Students will work effectively and respectfully	G4 M3 L34
		within diverse groups,	
		share responsibility for collaborative work,	
		and value individual	
		contributions made by	
		each group member.	

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
2. Reading	Print Concepts	4.2.PC	Wit & Wisdom addresses printing upper- and
Foundations Students will develop foundational skills for future reading success by working with sounds, letters, and text.	Students will demonstrate their understanding of the organization and basic features of print, including book handling skills and the understanding that printed materials provide information and tell stories.	Students will correctly form letters in print and cursive and use appropriate spacing for letters, words, and sentences.	lowercase letters in Grade 1. <i>Wit & Wisdom</i> does not address the handwriting skills of cursive and spacing.
	Phonics and Word Study Students will decode and read words in context and isolation by applying phonics and word analysis skills.	4.2.PWS.1 Students will use their combined knowledge of letter-sound correspondences, syllable patterns, morphology and semantics to accurately read unfamiliar words, including multisyllabic words.	<i>Wit & Wisdom</i> does not address foundational skills.

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
	Fluency Students will recognize high-frequency words and read grade- level text smoothly	4.2.F.1 Students will read high frequency and irregularly spelled grade-level words with automaticity in text.	<i>Wit & Wisdom</i> does not address foundational skills.
	and accurately, with expression that connotes comprehension.	4.2.F.2 Students will orally read grade-level text at an appropriate rate, smoothly and accurately, with expression that connotes comprehension.	G4 M1 L2, L12, L18, L23 G4 M2 L1, L7, L18, L25 G4 M3 L16, L21, L26 G4 M4 L15, L19, L23, L28
2. Reading and Writing Process Students will use a variety of recursive reading and writing processes.	Reading Students will read and comprehend increasingly complex literary and informational texts.	4.2.R.1 Students will distinguish how key details support the main idea of a passage.	G4 M1 L3–5, L8–10, L12, L14–17 G4 M2 L2–3, L13–14, L16 G4 M3 L3, L7–8, L14 G4 M4 L2
		4.2.R.2 Students will compare and contrast details in literary and nonfiction/ informational texts to discriminate various genres.	G4 M1 L20 G4 M3 L25 G4 M4 L15

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.2.R.3	G4 M1 L3, L12, L14–15, L17, L19–24, L27–28
		Students will summarize events or plots (<i>i.e.</i> , <i>beginning</i> , <i>middle</i> , <i>end</i> , <i>conflict</i> , <i>and climax</i>) of a	G4 M2 L2, L7, L13, L17–19, L22, L25, L28–29 G4 M3 L3, L10, L27–28, L32
		story or text.	G4 M4 L5, L9–12, L18
		4.2.R.4	G4 M1 L3–10, L12–17, L19, L21
		Students will begin to paraphrase main ideas	G4 M2 L13, L16
		with supporting details in a text.	G4 M3 L7
	Writing	4.2.W.1	G4 M1 L5
	Students will develop and strengthen writing by engaging in a recursive	Students will develop drafts by categorizing ideas and organizing them into paragraphs.	G4 M3 L35
	process that includes	4.2.W.2	G4 M1 L28
	prewriting, drafting, revising, editing, and publishing.	Students will edit drafts and revise for clarity and	G4 M2 L31
	publishing.	organization.	G4 M3 L15, L35
			G4 M4 L35
		4.2.W.3	G4 M4 L4DD, L6DD, L7DD, L14DD
		Students will correctly spell grade-appropriate words while editing.	

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.2.W.4 Students will use resources to find correct spellings of words (<i>e.g.</i> , word wall, vocabulary notebook, print and electronic dictionaries, and spell-check).	G4 M4 L6DD, L7DD, L14DD, L22DD, L31DD, L35DD
3. Critical Reading and Writing Students will apply critical thinking skills to reading and writing.	Reading Students will comprehend, interpret, evaluate, and respond to a variety of complex texts of all literary and informational genres from a variety	4.3.R.1 Students will determine the author's purpose (<i>i.e., entertain, inform,</i> <i>persuade</i>) and infer the difference between the stated and implied purpose.	Wit & Wisdom addresses this standard in Grade 2. G2 M1 L4 G2 M2 L10 G2 M3 L9 G2 M4 L7, L18, L20, L26
	of historical, cultural, ethnic, and global perspectives.	4.3.R.2 Students will infer whether a story is narrated in first or third person point of view in grade-level literary and/or informational text.	G4 M3 L10, 16

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.3.R.3	
		Students will describe key lit	terary elements:
		setting	G4 M2 L2–5, L7–9, L17–20, L22, L27, L31
			G4 M3 L17, L22–23
			G4 M4 L16–17
		• plot	G4 M1 L21–24, L27–28
			G4 M2 L2, L7, L9, L17–19, L21–22, L25–31
			G4 M3 L17, L22
			G4 M4 L3, L16–17
		 characters (<i>i.e.</i>, 	G4 M1 L26, L28–29
		protagonist, antagonist)	G4 M2 L2, L4–5, L8–9, L18–31
			G4 M3 L10, L12, L14–15, L17–19, L22, L24–25,
			L27–28, L30–31, L34
			G4 M4 L16–21, L24–31, L36
		characterization	G4 M1 L26, L28–29
			G4 M2 L2, L4–5, L8–9, L18–31
			G4 M3 L10, L12, L14, L17–19, L22, L24–25, L27– 28, L30–31, L34
			G4 M4 L16–21, L26, L30, L36

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		• theme	G4 M1 L22, L24, L27–28
			G4 M2 L5–6, L8–9, L18, L25, L30, L32
			G4 M3 L14, L19, L26, L29, L32
			G4 M4 L3–6, L9–13, L20, L22, L24–25, L27–31, L33
		4.3.R.4	
		Students will find examples	of literary devices:
		 simile 	G4 M1 L9
			G4 M2 L3DD, L4DD, L12
		 metaphor 	G4 M1 L9
			G4 M2 L1, L3DD, L4DD, L12
		 personification 	<i>Wit & Wisdom</i> addresses this device in Grade 3.
			G3 M1 L10
			G3 M2 L21
		 onomatopoeia 	G4 M1 L24, L27
		 hyperbole 	<i>Wit & Wisdom</i> does not address hyperbole in the upper elementary grades. <i>Wit & Wisdom</i> addresses this device in Grades 7 and 8.

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		 imagery 	G4 M1 L20–23, L30 G4 M2 L3
		 symbolism* *Students will find textual evidence when provided with examples 	<i>Wit & Wisdom</i> does not address symbolism in the upper elementary grades. <i>Wit & Wisdom</i> addresses this device in Grades 6–8.
		 tone* *Students will find textual evidence when provided with examples 	<i>Wit & Wisdom</i> addresses this device in Grade 6. G6 M1 L10, L14
		4.3.R.5 Students will distinguish fact from opinion in a text and investigate facts for accuracy.	G4 M3 L9-10
		4.3.R.6 Students will describe the structure of a text (<i>e.g.</i> , <i>description</i> , <i>compare</i> / <i>contrast</i> , <i>sequential</i> , <i>problem/solution</i> , <i>cause</i> / <i>effect</i>).	G4 M1 L8, L23 G4 M2 L11, L13 G4 M3 L3

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.3.R. ⁷ Students will ask and answer inferential questions using the text to support answers.	G4 M1 L19–20, L26, L31 G4 M2 L1, L4–6, L8–9, L11, L16–18, L20–24, L26–28, L30 G4 M3 L3–4, L6–9, L11, L18–21, L23–24, L28, L34 G4 M4 L1, L4, L7
	Writing Students will write for varied purposes and audiences in all modes, using fully developed ideas, strong organization, well-chosen words,	Narrative 4.3.W.1 Students will write narratives incorporating characters, plot, setting, point of view, conflict (<i>i.e.</i> , <i>solution and resolution</i>), and dialogue.	G4 M2 L4, L10, L18, L20, L23, L34
	fluent sentences, and appropriate voice.	Informative 4.3.W.2 Students will write facts about a subject, including a clear main idea with supporting details, and use transitional and signal words.	G4 M1 L5 G4 M3 L6–7, L13, L34–35

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		Opinion 4.3.W.3	G4 M3 L11–13, L25, L30–31, L35
		Students will express an opinion about a topic and provide fact-based reasons as support.	
4. Vocabulary	Reading	4.4.R.1	G4 M1 L9DD, L11–12, L16DD, L27DD, L30DD
Students will expand their working vocabularies to effectively communicate and understand texts.	Students will expand academic, domain- appropriate, grade- level vocabularies through reading, word study, and class	Students will increase knowledge of academic, domain-appropriate, grade-level vocabulary to infer meaning of grade- level text.	G4 M2 L15DD G4 M3 L1, L15DD G4 M4 L21
	discussion.	4.4.R.2 Students will use word	G4 M1 L1DD, L7DD, L8DD, L21DD, L22DD, L29DD, L30DD
		parts (<i>e.g., affixes, Greek</i> <i>and Latin roots, stems</i>) to define and determine the	G4 M2 L12DD, L13DD, L14DD, L16DD, L17DD, L26DD, L33DD, L34DD
		meaning of new words.	G4 M3 L1DD, L2, L2DD, L3, L4DD, L5DD, L16DD, L21
			G4 M4 L1DD, L3DD, L8DD, L13, L13DD, L16DD, L17DD, L32DD, L33DD, L34DD

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.4.R.3 Students will use context clues to determine the meaning of words or distinguish among multiple-meaning words.	 G4 M1 L1-2, L9DD, L29DD, L30DD G4 M2 L2DD, L12DD, L15, L16DD, L24DD, L33DD, L34DD G4 M3 L9DD, L21, L21DD, L23, L28, L30, L30DD, L31DD, L32DD G4 M4 L1DD, L2, L2DD, L3DD, L8DD, L14, L15DD, L18DD, L19DD, L21DD, L23DD, L26DD, L30DD, L33DD, L34DD
		4.4.R.4 Students will infer relationships among words with multiple meanings, including synonyms, antonyms, and more complex homographs and homonyms.	 Supplemental material is necessary to address homographs. The following lessons address synonyms, antonyms, and homophones. G4 M1 L3DD, L8DD G4 M2 L24DD, L25DD G4 M3 L3DD, L4DD, L5DD, L13, L14DD, L29DD G4 M4 L2DD, L14, L18DD, L19DD, L21DD
		4.4.R.5 Students will use a dictionary or glossary (<i>print and/or electronic</i>) to determine or clarify the meanings, syllabication, and pronunciation of words.	G4 M1 L3DD, L28DD G4 M2 L11DD G4 M3 L1DD, L4DD, L13, L14DD, L16DD, L25DD, L30DD G4 M4 L3, L13DD, L16DD

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective		Aligned Components of Wit & Wisdom
	Writing	4.4.W.1		G4 M2 L14
	Students will apply knowledge of vocabularies to communicate by	Students will use domain- appropriate vocabulary to communicate ideas in writing.		G4 M3 L7 G4 M4 L17, L34–35
	using descriptive, academic, and domain-	4.4.W.2 Students will select		G4 M2 L8DD, L9DD, L10DD, L14DD, L27DD, L28DD
	appropriate abstract and concrete words in their writing.	appropriate language to create a specific effect		G4 M3 L35
	then writing.	according to purpose in writing.		G4 M4 L18–19
5. Language Students will apply knowledge of grammar	Reading Students will apply knowledge of grammar	4.5.R.1 Students will recognize pronouns and irregular		Supplemental material is necessary to address irregular possessive nouns. The following lessons address pronouns.
and rhetorical style to reading and writing.	and rhetorical style to analyze and evaluate a variety of texts.	possessive nouns.		G4 M2 L21DD, L22DD G4 M3 L24DD
		4.5.R.2 Students will recognize present perfect verbs and verb tense to identify settings, times, sequences, and conditions in text.		<i>Wit & Wisdom</i> addresses this standard in Grade 5. G5 M3 L3DD, L4DD, L5DD, L15, L27–28, L37, L37DD

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.5.R.3 Students will recognize comparative and	<i>Wit & Wisdom</i> addresses this standard in Grade 3. G3 M4 L7DD, L8DD, L10DD, L12DD, L14DD, L24DD, L26DD, L29DD, L33, L33DD
		superlative adjectives and adverbs.	
		4.5.R.4 Students will recognize prepositional phrases and conjunctions.	G4 M1 L13DD, L14DD, L15DD G4 M2 L18DD, L19DD, L20DD G4 M3 L17DD
		4.5.R.5 Students will recognize the subject and verb agreement.	Wit & Wisdom addresses this standard in Grade 3. G3 M3 L8DD, L10DD, L14DD, L24DD, L33DD, L35DD

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
	Writing Students will	4.5.W.1 Students will capitalize:	
	demonstrate command of Standard	familial relations	G4 M2 L27DD
	English grammar,	 proper adjectives 	<i>Wit & Wisdom</i> does not address proper adjectives.
	mechanics, and usage through writing	 conventions of letter writing 	<i>Wit & Wisdom</i> does not address conventions of letter writing.
	and other modes of communication.	4.5.W.2	G4 M1 L2DD, L4DD, L5DD, L31DD, L32
		Students will compose and expand grammatically correct sentences and questions with appropriate commas, end marks, apostrophes, and quotation marks as needed for dialogue.	G4 M2 L5DD, L6DD, L7DD, L10DD, L27DD
			G4 M3 L18DD, L19DD, L20DD, L33DD, L34DD, L35DD
		4.5.W.3	Supplemental material is necessary to address this
		Students will compose simple, compound, and complex sentences and questions, create	standard thoroughly. G4 M1 L13DD, L14DD, L15DD, L31DD, L32 G4 M2 L22DD, L23DD, L27DD, L28DD
		sentences with an understood subject, and correct fragments and run-on sentences.	G4 M3 L6DD, L7DD, L8DD, L17DD, L20DD, L33DD, L34DD, L35, L35DD

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.5.W.4 Students will compose declarative, interrogative, imperative, and exclamatory sentences.	<i>Wit & Wisdom</i> does not address composing declarative, interrogative, imperative, and exclamatory sentences in the upper elementary grades. <i>Wit & Wisdom</i> addresses this standard in Grade 1.
6. Research	Reading	4.6.R.1	G4 M3 L17, L30, L33
Students will engage in inquiry to acquire, refine, and share knowledge.	Students will comprehend, evaluate, and synthesize resources to acquire and refine knowledge.	Students will use their own viable research questions to find information about a specific topic.	
		4.6.R.2	G4 M1 L8, L11, L16, L16DD
		Students will use graphic features including photos, illustrations, captions, titles, labels, headings, subheadings, italics, sidebars, charts, graphs, and legends to interpret a text.	G4 M2 L11–14 G4 M3 L2–3, L16 G4 M4 L1–2
		4.6.R.3	Supplemental material is necessary to address this
		Students will determine the relevance and reliability of the information gathered.	standard thoroughly. G4 M1 L7, L17

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	 Aligned Components of Wit & Wisdom
	Writing Students will summarize and paraphrase, integrate	4.6.W.1 Students will generate a viable research question about a specific topic.	G4 M3 L17, L30
	evidence, and cite sources to create reports, projects, papers, texts, and presentations for multiple purposes.	4.6.W.2 Students will organize information found during research, following a modified citation style (<i>e.g.</i> , <i>author</i> , <i>title</i> , <i>publication date</i>) with guidance and support. 4.6.W.3	Supplemental material is necessary to address this standard thoroughly. G4 M3 L4–5, L33 G4 M1 L12–13, L15, L17
		Students will summarize and present information in a report.	
7. Multimodal Literacies Students will acquire, refine, and share knowledge through a variety of written, oral, visual, digital, non- verbal, and interactive texts.	Reading Students will evaluate written, oral, visual, and digital texts in order to draw conclusions and analyze arguments.	4.7.R.1 Students will locate, organize, and analyze information from a variety of written, oral, visual, digital, non-verbal, and interactive texts to generate and answer literal and interpretive questions to create new understandings.	G4 M1 L19, L21, L31 G4 M2 L22 G4 M3 L2, L4–5, L9, L17–19, L23, L27, L30

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	Aligned Components of Wit & Wisdom
		4.7.R.2 Students will compare and contrast how ideas and topics are depicted in a variety of media and formats.	G4 M2 L4–6
	Writing Students will create multimodal texts to communicate knowledge and develop arguments.	4.7.W.1 Students will create multimodal content that effectively communicates an idea using technology or appropriate media.	Supplemental material is necessary to address this standard thoroughly. G4 M2 L13, L16 G4 M4 L4–5
		4.7.W.2 Students will create presentations using videos, photos, and other multimedia elements to support communication and clarify ideas, thoughts, and feelings.	G4 M2 L7, L15–16, L23 G4 M4 L5

College- and Career- Ready Standard for English Language Arts	Recursive Reading and Writing Strand	Standard Objective	 Aligned Components of Wit & Wisdom
8. Independent Reading and Writing Students will read and write for a variety of purposes including, but not limited to, academic and personal, for extended periods of time.	Reading Students will read independently for a variety of purposes and for extended periods of time. Students will select appropriate texts for specific purposes.	4.8.R Students will select appropriate texts for specific purposes and read independently for extended periods of time.	In each module, Appendix D provides a list of texts for independent reading. These texts are grade- level appropriate and related to the module topic.
	Writing Students will write independently for extended periods of time. Students will vary their modes of expression to suit audience and task.	4.8.W Students will write independently over extended periods of time (<i>e.g., time for reflection</i> <i>and revision</i>) and for shorter timeframes (<i>e.g., a</i> <i>single sitting or a day or</i> <i>two</i>) to communicate with different audiences for a variety of purposes.	Supplemental material is necessary to address writing independently over extended periods. The following lessons address writing for shorter time frames for a variety of purposes. G4 M2 L20 G4 M3 L7, L11