

Video #	Video Library Link	Video Title	Description	Video Length	Grade(s)	Subject(s)	CCSS Standard(s)	Compass Components	Compass Rating
1	http://videolibrary.louisianabelieves.com/library/6th-grade-ela-lesson-on-text-analysis	6th Grade ELA Lesson on Text-Based Analysis for Writing	In this 6th grade Common Core-aligned ELA lesson, students engage in large group discussion to analyze a text before writing about it. This video captures Highly Effective practice in Compass component 3b: Using Questioning and Discussion Techniques.	07:00	5th Grade	ELA	CCSS.SL.5.1 CCSS.SL.5.1a CCSS.SL.5.1b CCSS.SL.5.1c CCSS.RI.5.1 CCSS.RI.5.8	3b	Highly Effective
2	http://videolibrary.louisianabelieves.com/library/6th-grade-math-lesson-on-area-and-perimeter	6th Grade Math Lesson on Area and Perimeter	In this 6th grade Common Core-aligned math lesson, students apply knowledge of area and perimeter to solve real-world problems. This video captures Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	14:22	6th Grade	Math	CCSS.3.MD.D.8	3c	Effective Proficient
3	http://videolibrary.louisianabelieves.com/library/kindergarten-math-lesson-on-number-combinations	Kindergarten Math Lesson on Number Combinations	In this Kindergarten Common Core-aligned math lesson, students use quick images to identify combinations of 8. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques.	05:51	Kindergarten	Math	CCSS.Math.Content.K.OA.A.1 CCSS.Math.Content.K.OA.A.3	3b	Effective Proficient
4	http://videolibrary.louisianabelieves.com/library/8th-grade-math-lesson-on-classifying-equations	8th Grade Math Lesson on Classifying Equations	In this 8th grade Common Core-aligned math lesson, students come to consensus about how to sort a set of equations. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques.	08:24	8th Grade	Math	CCSS.Math.Content.8.EE.C.7a	3b	Effective Proficient
5	http://videolibrary.louisianabelieves.com/library/9th-grade-ela-lesson-on-characters-and-symbols-in-a-text	9th Grade ELA Lesson on Characters and Symbols in a Text	In this 9th grade Common Core-aligned ELA lesson, students use evidence from the text to make inferences regarding characters and identify symbols in discussion and writing. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	16:20	9th Grade	ELA	CCSS.ELA-Literacy.RL.9-10.1 CCSS.ELA-Literacy.RL.9-10.2 CCSS.ELA-Literacy.RL.9-10.5 CCSS.ELA-Literacy.SL.9-10.1a	3b 3c	Effective Proficient Effective Proficient
6	http://videolibrary.louisianabelieves.com/library/4th-grade-math-lesson-on-numerical-patterns-(part-1-of-2)	4th Grade Math Lesson on Numerical Patterns (Part 1 of 2)	In this 4th grade Common Core-aligned math lesson about patterns, students work in pairs, analyzing the given examples to try to discern the rule being applied. This video captures Effective Proficient practice in Compass component 3c: Engaging Students in Learning. (Part 1 of 2)	06:08	4th Grade	Math	CCSS.Math.Content.4.OA.C.5	3c	Effective Proficient
7	http://videolibrary.louisianabelieves.com/library/4th-grade-math-lesson-on-numerical-patterns-(part-2-of-2)	4th Grade Math Lesson on Numerical Patterns (Part 2 of 2)	In this 4th grade Common Core-aligned math lesson about patterns, students work in pairs, analyzing the given examples to try to discern the rule being applied. This video captures Effective Proficient practice in Compass component 3c: Engaging Students in Learning. (Part 2 of 2)	05:11	4th Grade	Math	CCSS.Math.Content.4.OA.C.5	3c	Effective Proficient
8	http://videolibrary.louisianabelieves.com/library/12th-grade-ela-lesson-on-text-based-evidence-and-inferences	12th Grade ELA Lesson on Text-Based Evidence and Inferences	In this 12th grade Common Core-aligned ELA lesson, students use evidence from the text to make inferences and describe characters through discussion. This video captures Effective Proficient practice in Compass component 1c: Setting Instructional Outcomes, Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	32:41	12th Grade	ELA	CCSS.ELA-Literacy.RL.11-12.3 CCSS.ELA-Literacy.SL.11-12.1a	1c 3b 3c	Effective Proficient Effective Proficient Effective Proficient
9	http://videolibrary.louisianabelieves.com/library/high-school-music-lesson-on-composition-performance	High School Music Lesson on Composition Performance	In this Common Core-aligned high school Music lesson, students create practice strategies and provide peer feedback to learn and improve performance of new composition. This video captures Highly Effective practice in Compass component 3c: Engaging Students in Learning	10:56	High School	Music	CCSS.ELA-Literacy.SL.9-10.1a-d L.9-10.6	3c	Highly Effective

11	http://videolibrary.louisianabelieves.com/library/4th-grade-math-lesson-on-place-value-and-division	4th Grade Math Lesson on Place Value and Division	In this 4th grade Common Core-aligned Math lesson, students use place value to divide a large number. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques.	07:20	4th Grade	Math	CCSS.4.NBT.B.6	3b	Effective Proficient
12	http://videolibrary.louisianabelieves.com/library/5th-and-6th-grade-math-lesson-on-surface-area	5th and 6th Grade Math Lesson on Surface Area	In this 5th and 6th grade Common Core-aligned Math lesson, students construct an understanding of surface area. This video captures Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	07:24	5th Grade 6th Grade	Math	CCSS.Math.Content.6.G.A.4	3c	Effective Proficient
13	http://videolibrary.louisianabelieves.com/library/11th-and-12th-grade-ela-lesson-on-literary-discussions	11th and 12th Grade ELA Lesson on Literary Discussions	In this 11th and 12th grade Common Core-aligned ELA lesson, students facilitate effective literary discussions with a pinwheel 'recipe'. This video captures Highly Effective practice in Compass component 3c: Engaging Students in Learning.	07:48	11th Grade 12th Grade	ELA	CCSS.ELA-Literacy.RL.11-12.1 CCSS.ELA-Literacy.RL.11-12.9 CCSS.ELA-Literacy.RL.11-12.10 CCSS.ELA-Literacy.SL.11-12.1a CCSS.ELA-Literacy.SL.11-12.1c	3c	Highly Effective
14	http://videolibrary.louisianabelieves.com/library/2nd-grade-ela-lesson-on-comparing-and-contrasting-fairy-tale-adaptation	2nd Grade ELA Lesson on Comparing and Contrasting Fairy Tale Adaptations	In this 2nd grade Common Core-aligned ELA lesson, students compare multiple versions of the same fairy tale. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	09:56	2nd Grade	ELA	CCSS.ELA-Literacy.RL.2.3 CCSS.ELA-Literacy.RL.2.9 CCSS.ELA-Literacy.RF.2.4a CCSS.ELA-Literacy.RF.2.4b	3b 3c	Effective Emerging Effective Proficient
15	http://videolibrary.louisianabelieves.com/library/3rd-grade-math-lesson-on-multiplication-and-its-relationship-to-division	3rd Grade Math Lesson on Multiplication and its Relationship to Division	In this 3rd grade Common Core-aligned Math lesson, students begin to develop their conceptual understanding of multiplication and its relationship to division. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	07:11	3rd Grade	Math	CCSS.Math.Content.3.OA.B.5	3b 3c	Effective Proficient Effective Proficient
16	http://videolibrary.louisianabelieves.com/library/11th-and-12th-grade-ela-lesson-on-composing-and-performing-a-soliloquy	11th and 12th Grade ELA Lesson on Composing and Performing a Soliloquy	In this 11th and 12th grade Common Core-aligned ELA lesson, students collaboratively compose and perform a soliloquy. This video captures Highly Effective practice in Compass component 3c: Engaging Students in Learning.	09:28	11th Grade 12th Grade	ELA Drama	CCSS.ELA-Literacy.RL.11-12.3 CCSS.ELA-Literacy.RL.11-12.5 CCSS.ELA-Literacy.W.11-12.10	3c	Highly Effective
17	http://videolibrary.louisianabelieves.com/library/4th-grade-social-studies-lesson-on-immigration	4th Grade Social Studies Lesson on Immigration	In this 4th grade Common Core-aligned Social Studies lesson, students interpret information about immigration from a variety of multi-media sources. This video captures Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	08:05	4th Grade	Social Studies	CCSS.ELA-Literacy.RI.4.6 CCSS.ELA-Literacy.RI.4.9 CCSS.ELA-Literacy.SL.4.1a CCSS.ELA-Literacy.SL.4.1c CCSS.ELA-Literacy.SL.4.1d	3c	Effective Proficient
19	http://videolibrary.louisianabelieves.com/library/5th-grade-ela-students-work-independently-in-stations	5th Grade ELA Students Work Independently in Stations	In this 5th grade ELA lesson, students work independently in stations. This video captures Effective Proficient practice in Compass component 2c: Managing Classroom Procedures.	06:24	5th Grade	ELA		2c	Effective Proficient

20	http://videolibrary.louisianabelieves.com/library/5th-grade-ela-lesson-on-guided-reading	5th Grade ELA Lesson on Guided Reading	In this 5th grade ELA lesson, the teacher facilitates two small guided reading groups. In the first group, the teacher helps students identify the main points of the text. In the second group, the teacher helps students sequence the parts of a chapter. This video captures Effective Emerging practice in Compass component 1c: Setting Instructional Outcomes, and Effective Emerging practice in Compass component 3c: Engaging Students in Learning.	06:25	5th Grade	ELA		1c 3b	Effective Emerging Effective Emerging
21	http://videolibrary.louisianabelieves.com/library/2nd-grade-math-lesson-on-word-problems-(part-1-of-2)	2nd Grade Math Lesson on Word Problems (Part 1 of 2)	In this 2nd grade Math lesson, students examine words, numbers, and pictures in their answers as they relate to a word problem. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Emerging practice in Compass component 3c: Engaging Students in Learning. (Part 1 of 2)	06:01	2nd Grade	Math	CCSS.Math.Content.2.OA.A.1 CCSS.Math.Content.2.NBT.B.9	3b 3c	Effective Emerging Effective Emerging
22	http://videolibrary.louisianabelieves.com/library/2nd-grade-math-lesson-on-word-problems-(part-2-of-2)	2nd Grade Math Lesson on Word Problems (Part 2 of 2)	In this 2nd grade Math lesson, students examine words, numbers, and pictures in their answers as they relate to a word problem. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Emerging practice in Compass component 3c: Engaging Students in Learning. (Part 2 of 2)	06:01	2nd Grade	Math	CCSS.Math.Content.2.OA.A.1 CCSS.Math.Content.2.NBT.B.9	3b 3c	Effective Emerging Effective Emerging
23	http://videolibrary.louisianabelieves.com/library/11th-and-12th-grade-history-lesson-on-corroborating-sources	11th and 12th Grade History Lesson on Corroborating Sources	In this 11th and 12th grade Common Core-aligned History lesson, students corroborate sources to gain a coherent understanding of the March on Washington, identifying discrepancies and determining the reliability of the sources. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	11:06	11th Grade 12th Grade	History	CCSS.ELA-Literacy.RH.11-12.8 CCSS.ELA-Literacy.RH.11-12.9	3b 3c	Effective Emerging Effective Proficient
24	http://videolibrary.louisianabelieves.com/library/7th-grade-math-lesson-on-categorizing-expressions-equations-and-inequalities-(part-1-of-2)	7th Grade Math Lesson on Categorizing Expressions, Equations, and Inequalities (Part 1 of 2)	In this 7th grade Math lesson, students categorize expressions, equations, and inequalities and discuss how they know how to categorize them. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Emerging practice in Compass component 3c: Engaging Students in Learning. (Part 1 of 2)	05:29	7th Grade	Math		3b 3c	Effective Proficient Effective Proficient
25	http://videolibrary.louisianabelieves.com/library/7th-grade-math-lesson-on-categorizing-expressions-equations-and-inequalities-(part-2-of-2)	7th Grade Math Lesson on Categorizing Expressions, Equations, and Inequalities (Part 2 of 2)	In this 7th grade Math lesson, students categorize expressions, equations, and inequalities and discuss how they know how to categorize them. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Emerging practice in Compass component 3c: Engaging Students in Learning. (Part 2 of 2)	03:19	7th Grade	Math		3b 3c	Effective Proficient Effective Proficient
26	http://videolibrary.louisianabelieves.com/library/5th-grade-science-lesson-on-conducting-group-experiments	5th Grade Science Lesson on Conducting Group Experiments	In this 5th grade Science lesson, students conduct group experiments to determine the presence of starch. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Emerging practice in Compass component 3c: Engaging Students in Learning.	04:44	5th Grade	Science		3b 3c	Effective Emerging Effective Emerging
27	http://videolibrary.louisianabelieves.com/library/9th-grade-science-lesson-on-designing-biology-lab-experiments	9th Grade Science Lesson on Designing Biology Lab Experiments	In this 9th grade Science lesson, students design and conduct their own biology lab experiments to examine carbon cycling. This video captures Effective Emerging practice in Compass component 1c: Setting Instructional Outcomes.	04:47	9th Grade	Science	CCSS.WHST.9-10.1a CCSS.WHST.9-10.7 CCSS.WHST.9-10.10 CCSS.SL.9-10.1a CCSS.SL.9-10.1b	1c	Effective Emerging
28	http://videolibrary.louisianabelieves.com/library/kindergarten-ela-lesson-on-letters-of-the-alphabet	Kindergarten ELA Lesson on Letters of the Alphabet	In this Kindergarten ELA lesson, students engage in fun, varied tasks to learn letters and what they represent. This video captures Ineffective practice in Compass component 1c: Setting Instructional Outcomes, Ineffective practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Emerging practice in Compass component 3c: Engaging Students in Learning.	06:17	Kindergarten	ELA		1c 3b 3c	Ineffective Ineffective Effective Emerging

29	http://videolibrary.louisianabelieves.com/library/6th-grade-ela-lesson-on-similes	6th Grade ELA Lesson on Similes	In this 6th grade ELA lesson, the teacher uses a variety of strategies to ensure that all of her students are meeting learning targets. This video captures Effective Proficient practice in Compass component 3d: Using Assessment in Instruction.	05:28	6th Grade	ELA		3d	Effective Proficient
30	http://videolibrary.louisianabelieves.com/library/6th-grade-ela-lesson-on-text-analysis	6th Grade ELA Lesson on Text Analysis	In this Common Core-aligned 6th grade ELA lesson, students develop higher order questions in order to analyze and discuss a text. This video captures Highly Effective practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	06:29	6th Grade	ELA	CCSS.RL.6.1 CCSS.RL.6.5 CCSS.SL.6.1a CCSS.SL.6.1c	3b 3c	Highly Effective Effective Proficient
31	http://videolibrary.louisianabelieves.com/library/high-school-math-lesson-on-rational-expressions	High School Math Lesson on Rational Expressions	In this Common Core-aligned High School math lesson, students work to be able to simplify rational expressions. This video captures Effective Emerging practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	9:27	High School	Math	CCSS.HSA-SSE.A.2 CCSS.HSA-APR.D.6	3b 3c	Effective Emerging Effective Proficient
32	http://videolibrary.louisianabelieves.com/library/elementary-significant-needs-special-education-lesson-on-characters-and-setting-in-a-text	Elementary Significant Needs Special Education Lesson on Characters and Setting in a Text	In this Common Core-aligned ELA lesson in a Significant Needs Special Education classroom, students engage with content and share responses with the help of assistive technology devices to identify the characters and setting in a story. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient practice in Compass component 3c: Engaging Students in Learning.	5:21	Kindergarten	Special Education	CCSS.RI.K.3	3b 3c	Effective Proficient Effective Proficient
33	http://videolibrary.louisianabelieves.com/library/6th-grade-significant-needs-special-education-ela-lesson-on-first-person	6th Grade Significant Needs Special Education ELA Lesson on First Person	In this 6th grade ELA lesson in a Significant Needs Special Education classroom, students work to write sentences in first person. This video captures Effective Proficient practice in Compass component 2c: Managing and 3c: Engaging Students in Learning.	8:33	6th Grade	Special Education		2c 3c	Effective Proficient Effective Proficient
34	http://videolibrary.louisianabelieves.com/library/10th-grade-hearing-impaired-special-education-ela-lesson-on-identifying-common-themes-from-two-texts	10th Grade Hearing Impaired Special Education ELA Lesson on Identifying Common Themes from Two Texts	In this 10th grade ELA lesson in a Hearing Impaired Special Education classroom, students work to identify common themes in multiple works by the same author. This video captures Effective Proficient practice in Compass components 3b: Using Questioning and Discussion Techniques	10:41	10th Grade	Special Education	CCSS.RL.9-10.1 CCSS.RL.9-10.1a CCSS.RL.9-10.3 CCSS.RL.9-10.10	3b 3c	Effective Proficient Effective Proficient
35	http://videolibrary.louisianabelieves.com/library/1st-grade-math-lesson-on-counting-by-tens	1st Grade Math Lesson on Counting by Tens	In this 1st grade Common Core-aligned Math lesson, students count by tens starting from seven, determine how many items are present in a collection, and calculate how many more items they will need to reach a total of 100 items in the collection. This video captures Effective	6:13	1st Grade	Math	CCSS.1.NBT.A.1	3b 3c	Effective Emerging Effective Proficient
36	http://videolibrary.louisianabelieves.com/library/2nd-grade-physical-education-lesson-on-skill-assessment	2nd Grade Physical Education Lesson on Skill Assessment	In this 2nd grade Physical Education lesson, students use criteria that they have created to assess their jump roping skills and provide feedback to classmates. This video captures Effective Proficient practice in Compass component 2c: Managing Classroom Procedures, and Highly	28:01	2nd Grade	Physical Education		2c 3d	Effective Proficient Highly Effective
37	http://videolibrary.louisianabelieves.com/library/3rd-grade-ela-lesson-on-close-reading	3rd Grade ELA Lesson on Close Reading	In this 3rd grade Common Core-aligned ELA lesson, students use a supplementary map, word bank, and additional text to deepen their understanding of a non-fiction text regarding gorillas. This video captures Effective Proficient practice in Compass component 3b: Using	10:20	3rd Grade	ELA	CCSS.RI.3.1 CCSS.RI.3.7 CCSS.SL.3.1d	3b 3c	Effective Proficient Effective Proficient
38	http://videolibrary.louisianabelieves.com/library/4th-grade-math-lesson-on-multiplying-fractions-by-whole-numbers	4th Grade Math Lesson on Multiplying Fractions by Whole Numbers	In this 4th grade Common Core-aligned Math lesson, students use a word problem as the basis for multiplying fractions by whole numbers and analyze sample work to determine the accuracy of math reasoning and calculations. This video captures Effective Proficient practice in	9:26	4th Grade	Math	CCSS.4.NF.B.4b CCSS.4.NF.B.4c	3b 3c	Effective Proficient Effective Proficient
39	http://videolibrary.louisianabelieves.com/library/5th-grade-lesson-on-reasoning-about-fractions	5th Grade Math Lesson on Reasoning about Fractions	In this 5th grade Common Core-aligned Math lesson, students deepen their understanding of the concept of multiplying fractions by fractions through the analysis and discussion of sample solutions for a word problem. This video captures Effective Proficient practice in Compass	12:54	5th Grade	Math	CCSS.5.NF.B.4a	3b 3c 3d	Effective Proficient Effective Proficient
40	http://videolibrary.louisianabelieves.com/library/6th-grade-math-lesson-on-solving-algebraic-equations	6th* Grade Math Lesson on Solving Algebraic Equations	In this 6th grade Common Core-aligned Math lesson, students identify the sequence of operations needed to solve two-step algebraic equations. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques, and	20:38	6th Grade	Math	CCSS.7.EE.B.4a	3b 3c	Effective Proficient Effective Proficient

41	http://videolibrary.louisianabelieves.com/library/8th-grade-math-lesson-on-conjecturing-about-functions	8th Grade Math Lesson on Conjecturing about Functions	In this 8th grade Common Core-aligned math lesson, students are provided with a set of patterns, from which they must identify patterns, create formulas, and ultimately compose a conjecture. This video captures Effective Proficient practice in Compass component 3b: Using	9:19	8th Grade	Math	CCSS.8.F.B.4	3b 3c	Effective Proficient Effective Proficient
42	http://videolibrary.louisianabelieves.com/library/10th-grade-ela-lesson-on-citing-evidence	10th Grade ELA Lesson on Citing Evidence	In this 10th grade Common Core-aligned ELA lesson, students use evidence from three literary sources to answer guiding questions and engage in a fishbowl discussion. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion	6:55	10th Grade	ELA	CCSS.RI.9-10.1 CCSS.RI.9-10.7 CCSS.SL.9-10.1a CCSS.SL.9-10.1d	3b 3c	Effective Proficient Effective Proficient
43	http://videolibrary.louisianabelieves.com/library/12th-grade-ela-lesson-on-text-analysis-of-symbols	12th Grade ELA Lesson on Text Analysis of Symbols	In this 12th grade Common Core-aligned ELA lesson, students use textual evidence to prepare questions for a whole class conversation and then identify and discuss symbols within the text. This video captures Effective Proficient practice in Compass component 3b: Using Questioning and Discussion Techniques, and Effective Proficient	4:36	12th Grade	ELA	CCSS.RL.11-12.1 CCSS.RL.11-12.4 CCSS.W.11-12.9	3b 3c	Effective Proficient Effective Proficient
44	http://videolibrary.louisianabelieves.com/library/model-teacher-feedback-conversation-middle-school	Middle School Principal Feedback Conversation	This video is a feedback conversation between a principal and his supervisor centered on how to use feedback and collaboration practices to increase differentiation in his school.	12:23	6th-8th	N/A	N/A	Leader: 3b	Effective Proficient
45	http://videolibrary.louisianabelieves.com/library/model-teacher-feedback-conversation-kindergarten	Kindergarten Teacher Feedback Conversation	This video is a feedback conversation between a teacher and her evaluator centered on how to increase student engagement and assessment long-term in a Kindergarten classroom.	8:34	Kindergarten	ELA	N/A	3c	Effective Proficient
46	http://videolibrary.louisianabelieves.com/library/model-teacher-feedback-conversation-5th-grade-science	5th Grade Science Teacher Feedback Conversation	This video is a model feedback conversation based off of a 5th grade science lesson that can be found HERE from the Teaching Channel. This teacher was rated Effective: Emerging in both 3b: Questioning and 3c: Engagement on the Compass teacher rubric. The evaluator provides the teacher with specific action steps on how she can improve her practices around these two areas of instruction.	15:58	5th Grade	Science	N/A	3b 3c	Effective Emerging Effective Emerging