

Indiana Professional Standards Board
Standards of Generalists for Teachers of Early and Middle Childhood
for the Elementary Education Program

A Component of Indiana University's School of Education Unit Assessment System

IPSB Standards	Addressed/Evaluated	Source of Evidence	Criteria
<p><i>IPSB Standard 1</i> Knows, understands, uses concepts, principles, theories, & research related to development of children and young adolescents to construct learning opportunities that support individual students' development, acquisition of knowledge, and motivation.</p>	<p><i>IPSB Standard 1</i> <i>Addressed in:</i> P251, E325, E328, E339, E343, M101, M201, M301, M401, M420/425 <i>Evaluated by:</i> P251, E339 & M340 Instructor, M201 & M301 Supervisors, and M401 Cooperating Teachers.</p>	<p><i>IPSB Standard 1</i></p> <ul style="list-style-type: none"> • By end of <u>P251</u>, candidates develop lesson plans and a personal philosophy that have appropriate commentary on child development. • During <u>E339</u>, candidates provide learning opportunities that support children's intellectual, social, and personal development in reading & language arts. • By the end of <u>E340</u>, candidates understand the complexity of the reading process by being familiar with various reading models and/or theories. In doing so, they focus on the intellectual, social, and personal development of children. • During <u>M301</u>, candidates keep a Field Journal participate in debriefing sessions. • During <u>M201</u>, candidates provide learning opportunities that support children's intellectual, social, and personal development in science/math. • During <u>M401</u>, candidates provide learning opportunities that support children's intellectual, social, & personal development in social studies. 	<p><i>IPSB Standard 1</i></p> <ul style="list-style-type: none"> • <u>P251</u>: Lesson Plan Evaluation criteria • <u>P251</u>: Personal Philosophy evaluation criteria • <u>E339</u>: Evaluation Criteria A • <u>E339</u>: Evaluation Criteria B • <u>E339</u>: Evaluation Criteria C • <u>E340</u>: Reading Response Criteria • <u>E340</u>: Midterm Criteria B • <u>E340</u>: Literacy Belief & Understandings Criteria C • <u>E340</u>: Personal Literacy Timeline D • <u>E340</u>: Response Rubric A, B, C, and D • <u>M301</u>: Field Journal Evaluation Criteria • <u>M301</u>: Learning Engagement & Field Journal Rubric • <u>M201</u>: Observation Checklist • <u>M401</u>: Cooperating Teacher Checklist
<p><i>IPSB Standard 2</i> Knows, understands, uses central concepts, tools of inquiry, & structures of content for students and can create meaningful learning experiences that develop students' competence in subject</p>	<p><i>IPSB Standard 2</i> <i>Addressed in:</i> General education courses requirements for entry into the program, as well as Literacy Block (E339/E340) within program <i>Also Addressed in/Evaluated by:</i> E325, E328, E339/E340, E341 &</p>	<p><i>IPSB Standard 2</i></p> <ul style="list-style-type: none"> • Before entry into program, candidates complete required general education courses with minimum GPA of 2.5 <u>and</u> passage of Praxis I basic skills test. • During <u>E339/E340</u>, candidates conduct research 	<p><i>IPSB Standard 2</i> <i>See: IU Care</i></p> <ul style="list-style-type: none"> • <u>E339/E340</u>: Inquiry Project Evaluation A

¹ E328 *Science Methods*, E343 *Mathematics Methods*, and M201 *Math/Science Field Experience* are taken concurrently. During E328 & E343, candidates plan lessons and activities specific to mathematics and science and use these plans to teach K-6 students in M201. M201 instructors do not permit candidates to teach K-6 children until candidates' lesson plans are approved by their E328 & E343 instructors. The M201 Lesson Plan Checklist serves as the basis for providing feedback to candidates in all three courses.

<p>matter and skills for various developmental levels.</p>	<p>E343 Instructors</p>	<p>projects using tools of inquiry. The projects include: rationale for inquiry, related research, data collection, analysis, conclusions, and teaching implications.</p> <ul style="list-style-type: none"> • During <u>E339/E340</u> candidates develop instructional activities and lessons in reading & language arts, and are able to construct invitations (i.e., instructional activities) to address various reading strategies. • During E328, E343, & <u>M201</u>¹ (see note on bottom of pg. 1) candidates develop instructional activities and lessons in science and math that promote critical thinking & problem solving skills characteristic to these disciplines. • During <u>E325</u>, candidates develop instructional activities and lessons in social studies that promote civic competence — knowledge, attitudes, & skills needed to become informed, involved, democratic citizen. 	<p>or Inquiry Project Evaluation B</p> <ul style="list-style-type: none"> • <u>E339/E340</u>: Inquiry Project Assessment Rubric A & B • <u>E339/E340</u>: Lesson Plan Evaluation • <u>E340</u>: Invitation Criteria • <u>E340</u>: Invitation Evaluation <ul style="list-style-type: none"> • <u>M201</u>: Lesson Plan Checklist <ul style="list-style-type: none"> • <u>E325</u>: Lesson Plan Evaluation • <u>E325</u>: Portfolio Evaluation
<p><i>IPSB Standard 2a. Mathematics</i> Knows, understands, uses concepts, procedures, & reasoning processes of mathematics (number systems & sense, geometry, algebra measurement, statistics & probability) to foster children’s understanding, use of pattern, quantities & spatial relationships to represent phenomena, solve problems, and deal with data.</p>	<p><i>IPSB Standard 2a</i> <i>Addressed in:</i> M118, T104, E343 <i>Evaluated by:</i> Praxis exam, E343</p>	<p><i>IPSB Standard 2a</i></p> <ul style="list-style-type: none"> • Candidates must complete <u>M118</u> and <u>T104</u> with average GPA of 2.0 <u>and</u> pass the Praxis I basic skills test. • During <u>E343</u>, candidates pass exams in E343 on concepts, procedures, & reasoning processes of mathematics. • During <u>M201</u>, candidates plan & implement math lessons that foster children’s understanding of dealing with data, patterns, and problem solving. 	<p><i>IPSB Standard 2a</i></p> <ul style="list-style-type: none"> • <i>See:</i> IU Care <ul style="list-style-type: none"> • <u>E343</u>: exam assessment (exam questions change each semester) • <u>M201</u>: Lesson Plan Evaluation
<p><i>IPSB Standard 2b English LA</i> Highly competent in use of English/Language Arts. Knows, understands, uses concepts of reading, language & child development to teach reading (balanced program of letter/sound relationships, context, meaning), writing, speaking, listening, thinking skills.</p>	<p><i>IPSB Standard 2b</i> <i>Addressed in:</i> Language Arts general education courses and E339 and E340. <i>Evaluated by:</i> Praxis exam, E339 & E340 instructors.</p>	<p><i>IPSB Standard 2b</i></p> <ul style="list-style-type: none"> • Candidates must complete Language Arts general education courses with average GPA of 2.0 <u>and</u> pass Praxis I basic skills test. • During <u>E339</u>, candidates provide learning opportunities that support children’s intellectual, social, and personal development in reading & language arts. • By the end of <u>E340</u>, candidates understand the complexity of the reading process by being 	<p><i>IPSB Standard 2b</i> <i>See:</i> IU Care</p> <ul style="list-style-type: none"> • <u>E339</u>: Evaluation Criteria A • <u>E339</u>: Evaluation Criteria B • <u>E339</u>: Evaluation Criteria C <ul style="list-style-type: none"> • <u>E340</u>: Professional Reading Response Criteria

		familiar with various reading models and/or theories. In doing so, they focus on the intellectual, social, and personal development of children.	<ul style="list-style-type: none"> • E340 Midterm Criteria B • E340 Literacy Belief & Understandings C • E340 Personal Literacy Timeline D • E340 Response Rubric A, B, C, and D
<p><i>IPSB Standard 2c. Science</i> Knows, understands, uses fundamental concepts of physical, life, and earth & space sciences, as well as concepts in science & technology, science in personal & social perspectives, history & nature of science, unifying concepts of science, and inquiry process.</p>	<p><i>IPSB Standard 2c</i> <i>Addressed in:</i> Science general education courses and E328. <i>Evaluated by:</i> Praxis exam, E328 instructors.</p>	<p><i>IPSB Standard 2c</i></p> <ul style="list-style-type: none"> • Candidates must complete science general education courses with average GPA of 2.0 <u>and</u> pass Praxis I basic skills test. • During E328, candidates construct lesson plans using appropriate science concepts. 	<p><i>IPSB Standard 2c</i></p> <ul style="list-style-type: none"> • <i>See:</i> IU Care • E328: Lesson Plan Evaluation Criteria
<p><i>IPSB Standard 2d. Social Studies</i> Knows, understands, uses major concepts, modes of social studies inquiry including integrated study of history, geography, social sciences (anthropology, archaeology, economics, political science, psychology, sociology), & related areas (humanities, law, philosophy, religion, math, science, technology) to promote elementary students' abilities to make informed decisions as citizens of culturally diverse democratic society and interdependent world.</p>	<p><i>IPSB Standard 2d</i> <i>Addressed in:</i> Social studies general education courses and E325. <i>Evaluated by:</i> Praxis exam, E325 instructors.</p>	<p><i>IPSB Standard 2d</i></p> <ul style="list-style-type: none"> • Candidates must complete social studies general education courses with average GPA of 2.0 <u>and</u> pass Praxis I basic skills test. • During E325, candidates construct lesson plans using appropriate social studies concepts. 	<p><i>IPSB Standard 2d</i></p> <ul style="list-style-type: none"> • <i>See:</i> IU Care • E325: Lesson Plan Evaluation Criteria
<p><i>IPSB Standard 2e. Fine Arts</i> Knows, understands, uses (appropriate to understanding & skill) content, functions, & achievements of dance, music, theater, and visual arts as primary media for communication, inquiry, and insight among elementary students.</p>	<p><i>IPSB Standard 2e</i> <i>Addressed in:</i> Fine arts general education courses and M301. <i>Evaluated by:</i> M301 instructors and Praxis I exam.</p>	<p><i>IPSB Standard 2e</i></p> <ul style="list-style-type: none"> • Candidates must complete fine arts general education courses with average GPA of 2.0 <u>and</u> pass Praxis I basic skills test. • During M301, candidates construct lesson plans using appropriate fine arts concepts. 	<p><i>IPSB Standard 2e</i></p> <ul style="list-style-type: none"> • <i>See:</i> IU care • M301 Learning Engagement & Field Journal Rubric

<p><i>IPSB Standard 2f. Health Educ.</i> Knows, understands, uses nature of students' physical, mental, & social well-being to create opportunities for student development & practice of skills that contribute to good health.</p>	<p><i>IPSB Standard 2f</i> <i>Addressed in/Evaluated by:</i> P251 and E328.</p>	<p><i>IPSB Standard 2f</i></p> <ul style="list-style-type: none"> • By the end of <u>P251</u>, understands importance of mental and social well-being. • During <u>E328</u>, candidates participate in activities that focus on the human body and health issues. 	<p><i>IPSB Standard 2f</i></p> <ul style="list-style-type: none"> • <u>P251</u>: Personal Philosophy evaluation criteria. • <u>E328</u>: Activity Evaluation Criteria
<p><i>IPSB Standard 2g. Physical Educ.</i> Knows, understands, and uses (appropriate to understanding & skills) human movement & physical activity to foster active, healthy life styles & enhanced quality of life for elementary students.</p>	<p><i>IPSB Standard 2g</i> <i>Addressed in/Evaluated by:</i> E328.</p>	<p><i>IPSB Standard 2g</i></p> <ul style="list-style-type: none"> • During <u>E328</u>, candidates participate in activities that focus on the human body and health issues. 	<p><i>IPSB Standard 2g</i></p> <ul style="list-style-type: none"> • <u>E328</u>: Activity Evaluation Criteria
<p><i>IPSB Standard 2h. Technology</i> Knows, understands, uses connections among concepts, procedures, & applications from content areas to motivate elementary students, build understanding, & encourage application of knowledge, skills, & ideas to real world issues.</p>	<p><i>IPSB Standard 2h</i> <i>Addressed in:</i> E325, E328, E339, E340, E341, E343, W200/300/400 <i>Evaluated by:</i> W200/300/400, E328, E340 & E343 Instructors</p>	<p><i>IPSB Standard 2h</i></p> <ul style="list-style-type: none"> • By end of <u>W200</u>, candidates complete on-line tutorials and exercises with minimum level technology applications, file management, and network communications. • During <u>W300</u>, content specialization groups create lesson plans that integrate technology coupled to content and ISTE standards. • During <u>W400</u>, candidates create an online ePortfolio demonstrating that they can make appropriate technology integration decisions to foster students' learning. • During <u>E328</u>, <u>E340</u> & <u>E343</u>, candidates complete assignment on selection/use of electronic resources for student learning. 	<p><i>IPSB Standard 2h</i></p> <ul style="list-style-type: none"> • <u>W200</u>: Criterion Referenced pass/fail of on-line assignments. • <u>W300</u>: Integration of Content & Technology Standards Rubric • <u>W400</u>: ePortfolio evaluated on the basis of mastery of technology competency and clarity, appropriateness, effectiveness, and creativity of content. • <u>E328</u>: Web Assignment Rubric • <u>E340</u>: Software Evaluation Criteria • <u>E343</u>: Technology Assignment Rubric
<p><i>IPSB Standard 3</i> Plans, implements instruction based on knowledge of students, learning theory, subject matter, curricular goals, & community.</p>	<p><i>IPSB Standard 3</i> <i>Addressed in:</i> M201, M301, M401, M425 <i>Evaluated by:</i> M301 and M425 Supervisors</p>	<p><i>IPSB Standard 3</i></p> <ul style="list-style-type: none"> • During <u>M301</u>, candidates create & implement instructional activities and lessons based on knowledge of students and curriculum. • During <u>M425</u>, candidates implement instruction based on learning theory and curricular goals. 	<p><i>IPSB Standard 3</i></p> <ul style="list-style-type: none"> • <u>M301</u>: Learning Engagement & Field Journal Rubric • <u>M425</u>: Student Teaching Evaluation
<p><i>IPSB Standard 3a</i> Understands how elementary students differ in their</p>	<p><i>IPSB Standard 3a</i> <i>Addressed in:</i> E325, E328, E339, E340, E341, E343, K205 or K305,</p>	<p><i>IPSB Standard 3a</i></p> <ul style="list-style-type: none"> • By end of <u>K205</u> or <u>K305</u>, candidates pass exams and/or complete papers or projects that 	<p><i>IPSB Standard 3a</i></p> <ul style="list-style-type: none"> • <u>K205/K305</u>: Exam evaluation criteria • <u>K205/305</u>: Paper/project evaluation criteria

<p>development & approaches to learning & creates instructional opportunities adapted to diverse learners.</p>	<p>M201, M 401, M420, P251 <i>Evaluated by:</i> K205 or K305 Instructors</p>	<p>demonstrate knowledge of individual assessment, and strategies for working with students with exceptionalities and disabilities, as well as, culturally and linguistically diverse students.</p>	
<p><i>IPSB Standard 3b</i> Understands, uses variety of teaching strategies that encourage elementary students' development of critical thinking, problem solving, and performance skills.</p>	<p><i>IPSB Standard 3b</i> <i>Addressed in:</i> E325, E328, E339, E340, E341, E343, M201, M301, M401, M420/425, P251. <i>Evaluated by:</i> M201 and M301 Supervisors Also see Standards 2a, 2b, 2c, 2d, & 2e above.</p>	<p><i>IPSB Standard 3b</i></p> <ul style="list-style-type: none"> • During <u>M201</u>, candidates use science and mathematics activities and lesson plans created in E328 & E343 that foster active inquiry, collaboration and interaction in science & mathematics. • During <u>M301</u>, candidates use activities and lesson plans created in E341 that foster active inquiry, collaboration and interaction in reading and L.A. 	<p><i>IPSB Standard 3b</i></p> <ul style="list-style-type: none"> • <u>M201</u>: Lesson Plan Checklist • <u>M201</u>: Observation Checklist • <u>M301</u>: Lesson Plan Learning Engagement • <u>M301</u>: Learning Engagement & Field Journal Rubric
<p><i>IPSB Standard 3c</i> Uses their knowledge, understanding of individual & group motivation, behavior among students to foster active engagement in learning, self motivation, & positive social interaction, and creates supportive learning environments.</p>	<p><i>IPSB Standard 3c</i> <i>Addressed in:</i> E325, E328, E339, E340, E341, E343, M201, M301, M401, M420/425, P251 <i>Evaluated by:</i> P251 Instructors</p>	<p><i>IPSB Standard 3c</i></p> <ul style="list-style-type: none"> • By end of <u>P251</u>, candidates accurately analyze a teaching episode for individual and group motivation, and on principles of behavior management. 	<p><i>IPSB Standard 3c</i></p> <ul style="list-style-type: none"> • <u>P251</u>: Teaching Observation evaluation criteria • <u>P251</u>: Personal Reflection evaluation criteria
<p><i>IPSB Standard 3d</i> Uses their knowledge, understanding of effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, & supportive interaction in elementary classroom.</p>	<p><i>IPSB Standard 3d</i> <i>Addressed in:</i> E325, E328, E339, E340, E341, E343, M201, M301, M401, M420/425, P251. <i>Evaluated by:</i> M425 Supervisors Also see Standards 2a, 2b, 2c, 2d, 2h above.</p>	<p><i>IPSB Standard 3d</i></p> <ul style="list-style-type: none"> • By end of <u>M425</u>, candidates create a classroom environment that encourages positive social interaction, active learning, and self-motivation 	<p><i>IPSB Standard 3d</i></p> <ul style="list-style-type: none"> • <u>M425</u>: Student Teaching Evaluation
<p><i>IPSB Standard 4</i> Knows, understands, uses formal & informal assessment strategies to evaluate, ensure continuous intellectual, social, & physical development of each elementary student.</p>	<p><i>IPSB Standard 4</i> <i>Addressed in:</i> E325, E328, E339, E340, E341, E343, M101, M201, M301, M401, M420/425, P251. Also see Standards 2a-d above. <i>Evaluated by:</i> E341 Instructors & M425 Supervisors</p>	<p><i>IPSB Standard 4</i></p> <ul style="list-style-type: none"> • By end of <u>P251</u>, candidates develop lesson plans with appropriate assessment strategies. • By end of <u>E341</u>, candidates complete an assessment or mini-inquiry project. • During <u>M425</u>, candidates monitor performances of students. 	<p><i>IPSB Standard 4</i></p> <ul style="list-style-type: none"> • <u>P251</u>: Lesson Plan Evaluation • <u>E341</u>: Project Evaluation • <u>M425</u>: Student Teaching Evaluation

<p><i>IPSB Standard 5</i> Understands practices, behaviors that identify & develop the competence of a professional career teacher.</p>	<p><i>IPSB Standard 5</i> <i>Addressed in/Evaluated by:</i> E341 Instructors</p>	<p><i>IPSB Standard 5</i> • By end of <u>E341</u>, candidates complete professional development portfolio.</p>	<p><i>IPSB Standard 5</i> • <u>E341</u>: Portfolio Evaluation criteria</p>
<p><i>IPSB Standard 5a</i> Aware of, reflect on their practice in light of research on teaching and resources available for professional learning; continually evaluate effects of their decisions & actions on students, parents, other professionals in learning community & actively seek out opportunities to grow professionally.</p>	<p><i>IPSB Standard 5a</i> <i>Addressed in:</i> E310, E325, E328, E339, E340, E341, E343, K205 or K305, M101, M201, M301, M401, M420/425, P251 <i>Evaluated by:</i> M425 Supervisors</p>	<p><i>IPSB Standard 5a</i> • During <u>M425</u>, candidates demonstrate thoughtful self-reflection on effects of instructional choices and actions on students, parents, and other professionals in the learning community.</p>	<p><i>IPSB Standard 5a</i> • <u>M425</u>: Student Teaching evaluation criteria • <u>M425</u> :Teaching journal and/or debriefing comments evaluation criteria</p>
<p><i>IPSB Standard 5b</i> Knows importance of establishing, maintaining positive collaborative relationship with families to promote academic, social & emotional growth of children.</p>	<p><i>IPSB Standard 5b</i> <i>Addressed in/Evaluated by:</i> M425 Supervisors and Cooperating Teacher</p>	<p><i>IPSB Standard 5b</i> • During <u>M425</u>, candidates demonstrate positive relationships with parents to support students' learning and well-being</p>	<p><i>IPSB Standard 5b</i> • <u>M425</u>: Student Teaching Evaluation</p>
<p><i>IPSB Standard 5c</i> Fosters relationships with school colleagues and agencies in the larger community to support students' learning & well-being.</p>	<p><i>IPSB Standard 5c</i> <i>Addressed in/Evaluated by:</i> M425 Supervisors and Cooperating Teacher</p>	<p><i>IPSB Standard 5c</i> • During <u>M425</u>, candidates demonstrate positive relationships with professional colleagues and agencies and work with them to support students' learning and well-being.</p>	<p><i>IPSB Standard 5c</i> • <u>M425</u>: Student Teaching Evaluation</p>