University of Delaware Teacher Candidate Capstone Clinical Experience Evaluation: Middle School Mathematics

Teacher Candidate:	Semester:
Evaluator:	Role of Evaluator (Clinical Educator or UD Field Instructor):
Evaluation Date:	Length of Placement (Weeks): 12
School/Site:	District:
Teaching Area(s):	Grade Level(s)/Age(s):
Number of classes:	Total Number of Students:

CLASS PROFILE

List the total number of students in the following categorie	s (all classes combined)
Female:	Male:
American Indian/Alaskan Aleut:	Asian:
Black/African American:	Hispanic:
Multi-Racial:	Native Hawaiian/Pacific Islander:
White/Caucasian:	Other:
Students with active IEPs/504s:	English Language Learners:
Students who qualify for free/reduced lunch (only provide if a	ccess to information is granted):
Provide any additional information that is relevant to this profiplacements).	ile (e.g., categories of student disabilities in special education

PROFESSIONALISM

As an effective educator, the teacher candidate:	Rarely	Sometimes, but not consistently	Consistently	No behaviors related to this indicator observed
	1	2	3	NA
PROFESSIONALISM1.				
Demonstrates commitment to the belief that all learners can				
achieve by persisting in helping each learner reach his/her full				
potential				
PROFESSIONALISM2.				
Exhibits enthusiasm, initiative, and a positive attitude				
PROFESSIONALISM3.				
Respects and considers the input and contributions of families,				
colleagues, and other professionals in understanding and				
supporting each learner's development				
PROFESSIONALISM4.				
Respects learners as individuals with differing personal and				
family backgrounds, and with varying skills, abilities,				
perspectives, talents, and interests; he/she is committed to using				
this information to plan effective instruction				
PROFESSIONALISM5.				
Takes responsibility for his/her learners' learning and uses				
ongoing analysis and reflection using current research, education,				
and policy to improve his/her planning and practice				
PROFESSIONALISM6.				
Reflects on constructive criticism and guidance, and				
appropriately modifies his/her behavior or practice				

As an effective educator, the teacher candidate:	Rarely	Sometimes, but not consistently	Consistently	No behaviors related to this indicator observed
	1	2	3	NA
PROFESSIONALISM7.				
Demonstrates the ethical use of assessment and assessment data				
to identify learners' strengths and needs (e.g., shares learner data				
appropriately)				
PROFESSIONALISM8.				
Demonstrates professionalism by being on time; representing				
him/herself appropriately through dress, language and				
communications, including social media; and meeting deadlines.				
Professionalism Comments:				

EVALUATION RUBRIC

As an effective educator, the teacher candidate:	Not apparent (Not ready for independent practice)	Emerging (Not yet ready for independent practice) 2	Proficient (Ready for independent practice)	Exemplary (Proficient Plus) 4	Rating
		PLANNING	3	4	
PLANNING 1. Selects appropriate national or state standards	Candidate does not select national or state standards or those selected are inappropriate.	Candidate selects national or state standards, but some of the selected standards are inappropriate (e.g., age inappropriate, incompatible with the lesson).	Candidate selects appropriate national or state standards and , when appropriate, makes cross-curricular standard connections.	Candidate selects appropriate national or state standards and, when appropriate, makes cross-curricular standard connections and justifies why the selected standards are appropriate for the learners and the lesson.	
Comments:					
PLANNING 2. Writes objectives with measurable outcomes that indicate what learners will know and be able to do	Candidate does not write objectives or writes objectives that are not measureable.	Candidate writes objectives that are measurable, but not focused on what learners will know and be able to do.	Candidate writes objectives that are measurable, indicating what the whole group of learners will know and be able to do.	Candidate writes objectives that are measurable, indicating what learners will know and be able to do, and are developmentally appropriate.	
Comments:					
PLANNING 3. Aligns objectives, instruction, and assessments	Lesson objectives, instruction, or assessments are missing.	Lesson objectives, instruction, and assessments are present, but lack alignment.	Lesson objectives, instruction, and assessments are appropriately aligned.		
Comments:	1	0	1	1	I

As an effective educator, the teacher candidate:	Not apparent (Not ready for independent practice) 1	Emerging (Not yet ready for independent practice) 2	Proficient (Ready for independent practice) 3	Exemplary (Proficient Plus) 4	Rating
PLANNING 4. Selects supports (strategies, learning experiences, resources, and materials) to accommodate individual learner's needs and groups of needs	Candidate does not select supports that accommodate individual's needs or groups of learners with similar needs (i.e., does not attend to instructional requirements in IEPs, IFSPs, and 504 plans).	Candidate selects supports that are tied to the learning objectives with attention to the class as a whole.	Candidate selects supports that are tied to the learning objectives and addresses similar groups' needs.	Candidate selects supports that are tied to the learning objectives and addresses similar groups' needs and specific individual's needs.	
Comments:					
PLANNING 5. Sequences the learning experiences to build on each other to support learners' learning of the essential content, strategy or skill	The sequence of the learning experiences reflects the candidate's lack of knowledge of learning progressions in the content area or developmental domain.	The sequence of learning experiences reflects the candidate's partial knowledge of learning progressions in the content area or developmental domain.	The sequence of learning experiences reflects the candidate's accurate and comprehensive knowledge of learning progressions in the content area or developmental domain.	The sequence of learning experiences reflects the candidate's accurate and comprehensive knowledge of learning progressions and research in the content area or developmental domain.	
Comments:					
PLANNING 6. Justifies the selected learning experiences with attention to learners' prior knowledge and background (e.g., cultural, high needs, family structure, English language learners)	Candidate provides no justification of the connection between the learners' prior knowledge or background.	Candidate uses evidence of learners' prior knowledge or background (when appropriate to the lesson) to justify the choice of learning experiences.	Candidate uses evidence of learners' prior knowledge and background (when appropriate to the lesson) to justify the choice of learning experiences.	Candidate uses evidence of learners' prior knowledge and background (when appropriate to the lesson), and justifies the choice of learning experiences using principles from research.	
Comments:					
PLANNING 7. Accurately represents important content concepts	Candidate's plans show a lack of understanding of content.	Candidates' plans show accurate but insufficient details of the content.	Candidate's plans show accurate and sufficiently comprehensive details of the content.	Candidate's plans exhibit the candidate's breadth of knowledge of the concepts and understanding of how the concepts are linked.	
Comments:					
		LEARNING ENVIRO	ONMENT		
LEARNING 1. Establishes rapport with and respect for all learners	Candidate exhibits disrespectful interactions with one, some, or all learners.	Candidate exhibits respect for most learners and makes some effort to develop rapport with the learners, but does not establish rapport with most learners.	Candidate exhibits respect for all learners and works to establish rapport with most learners.	Candidate exhibits respect for all learners and uses appropriate strategies to establish rapport with all learners.	

As an effective	Not apparent	Emerging	Proficient	Exemplary	Ratin
educator, the teacher	(Not ready for	(Not yet ready for	(Ready for	(Proficient Plus)	
candidate:	independent practice)	independent practice)	independent practice)		
Comments:	1	2	3	4	
					1
LEARNING 2.	Candidate uses	Candidate uses	Candidate uses	Candidate uses specific	
Communicates	language that	language that sets	specific language that	language that sets clear	
expectations of high	communicates	expectations for high	sets clear	expectations for high	
quality work by all	expectations that allow	quality work for some learners.	expectations for high	quality work for all	
learners	for low quality work	some learners.	quality work for all learners.	learners, based on learners' strengths and	
	or sets no expectations for high-quality work.		learners.	needs.	
Comments:					
LEARNING 3.	Candidate does not	Candidate establishes	Candidate establishes	Candidate establishes	
Establishes and teaches	establish and/or teach	guidelines for	and teaches clear,	and teaches clear,	
clear guidelines for	guidelines for routines	routines and	developmentally	developmentally	
routines and appropriate	and behaviors.	expectations for	appropriate	appropriate guidelines	
expectations for		learner behavior, but	guidelines for	for routines and	
learners' behavior		they are not clear,	routines and	expectations for learner	
		developmentally	expectations for	behavior with logical	
		appropriate, or with logical consequences.	learner behavior.	consequences.	
Comments:		logical consequences.			
LEARNING 4.	Candidate allows	Candidate	Candidate	Candidate proactively	
Implements established	disruptive behavior to	inconsistently	consistently	addresses disruptive	
guidelines for learners'	interfere with learning.	addresses disruptive	addresses disruptive	behavior appropriately	
behavior	interfere with learning.	behaviors.	behavior	with logical	
			appropriately with	consequences.	
			logical consequences.	1	
Comments:					
LEARNING 5.	Candidate provides a	Candidate provides	Candidate teaches	Candidate teaches	
Engages in and teaches	learning environment	opportunities for	learners how to	learners how to engage	
learners' respectful	that serves primarily to	learners to engage in	engage in respectful	in respectful discourse	
discourse and turn-	control learner	discourse and turn-	discourse and turn-	and turn-taking, and	
taking	behavior and does not	taking.	taking and provides	provides opportunities	
	include opportunities		opportunities for	for them to express	
	for turn-taking.		discourse and turn-	their varied	
			taking.	perspectives in	
Comments:				respectful ways.	
	r	INSTRUCTIO			1
INSTRUCTION 1. Adjusts lessons based	Candidate does not	Candidate's	Candidate's	Candidate's instructional	
on learners' responses	make adjustments or the adjustments made	instructional adjustments are	instructional adjustments provide	adjustments provide	
on learners responses	are not relevant to the	adjustments are related to the	some individuals or	individuals and groups	
	learners' responses.	learners' responses,	groups of learners	of learners with the	
	icathers responses.	but are ineffective.	with the support	support needed to	
			needed to improve	improve their learning.	
			their learning.	mprove men rearning.	

Not apparent	Emerging	Proficient (Poody for	Exemplary (Proficient Plus)	Rating
			(Proficient Plus)	
1	2	3	4	
Candidate does not use available technology.	Candidate uses available technology for purposes other than learning (e.g., as a reward for work completed, to fill time).	Candidate and learners use available technology that aligns to the curriculum and appropriately supports learning. OR	Candidate and learners use available technology that is linked to learning needs and extends learners' understanding of content, skills, or strategies.	
		Technology is not available or inappropriate in this setting		
		setting.		
Candidate does most of the talking and the learners provide few responses.	Candidate primarily asks low-level questions.	Candidate asks an appropriate range of questions, including higher order questions that elicit and build on learners' responses.	Candidate asks an appropriate range of questions, including higher order questions that elicit and build on learner responses, and facilitates interactions	
			among learners.	
Candidate does not model for learners how to use essential strategies.	Candidate models the discipline's strategies, but does not provide, or provides limited, opportunities for learners to practice or apply strategies.	Candidate models the discipline-specific strategies, explicitly teaches learners how to apply strategies, and provides learners with opportunities for guided practice.	Candidate models discipline-specific strategies, explicitly teaches learners how and when to apply the strategies in meaningful contexts, and provides opportunities for guided practice.	
Candidate does not make content explicit using the strategies identified.	Candidate uses explanation and examples to attempt to build learners' understanding.	Candidate uses representations and examples to build learners' understanding, highlights core ideas, and uses modeling and demonstrating.	Candidate uses representations and examples to build learners' understanding and remediate misconceptions, highlights core ideas while sidelining potentially distracting ones, and makes their thinking visible during modeling and demonstrating.	
	(Not ready for independent practice) 1 Candidate does not use available technology. Candidate does most of the talking and the learners provide few responses. Candidate does not model for learners how to use essential strategies.	(Not ready for independent practice)(Not yet ready for independent practice)12Candidate does not use available technology.Candidate uses available technology for purposes other than learning (e.g., as a reward for work completed, to fill time).Candidate does most of the talking and the learners provide few responses.Candidate primarily asks low-level questions.Candidate does not model for learners how to use essential strategies.Candidate models the discipline's strategies, but does not provide, or provides limited, opportunities for learners to practice or apply strategies.Candidate does not make content explicit using the strategiesCandidate uses explanation and examples to attempt to build learners'	(Not ready for independent practice)(Not yet ready for independent practice)(Ready for independent practice)123Candidate does not use available technology.Candidate uses available technology for purposes other than learning (e.g., as a reward for work completed, to fill time).Candidate and learners use available technology that aligns to the curriculum and appropriately supports learning.Candidate does most of the talking and the learners provide few responses.Candidate primarily asks low-level questions.Candidate asks an appropriate range of questions, including higher order questions that elicit and build on learners' responses.Candidate does not model for learners how to use essential strategies.Candidate models the discipline's strategies, but does not provide, or provides limited, opply strategies.Candidate uses responses.Candidate does not model for learners how to use essential strategies.Candidate uses explanation and examples to attempt to build learners' understanding.Candidate uses representations and examples to build learners' understanding.Candidate does not make content explicit using the strategiesCandidate uses explanation and examples to build learners' understanding.Candidate uses representations and examples to build learners' understanding.	(Not ready for independent practice)(Not yet ready for independent practice)(Ready for independent practice)(Proficient Plus)234Candidate does not use available technology.Candidate uses available technology that than learning (e.g., as completed, to fill time).Candidate and learners use available technology that is alinked to learning meeds and extends learners' understanding of content, skills, or strategies.Candidate and learners provide for propriately supports learning.Candidate and learners is use available technology that is linked to learning meeds and extends learners' understanding of content, skills, or strategies.Candidate asks an appropriate in this setting.Candidate asks an appropriate range of questions, including higher order questions, including higher order questions that elicit and build on learners is and arresponses.Candidate models the discipline-specific strategies, explicitly teaches learners how and when to apply the strategies, immediate manyportunities for

As an effective	Not apparent	Emerging	Proficient	Exemplary	Ratin
educator, the teacher	(Not ready for	(Not yet ready for	(Ready for	(Proficient Plus)	
candidate:	independent practice)	independent practice)	independent practice)		
	1	2	3	4	
INSTRUCTION 6.	Candidate fails to	Candidate provides	Candidate provides	Candidate provides	
Engages learners in	provide learners with	learners with a set of	learners with	learners with	
problem solving	problem solving	activities with the	opportunities to	opportunities to identify	
	opportunities.	expectation that	discover multiple	a problem and discover	
		learners arrive at the	solutions or use	solutions to a problem.	
		candidate's	multiple methods to		
		preconceived	solve a problem.		
		solution.			
Comments:					
INSTRUCTION 7.	Candidate's	Candidate's	Candidate's	Candidate's	
Provides clear and	explanations cause	explanations are	explanations are	explanations are	
accurate explanations	learners' confusion or	somewhat confusing	accurate and	accurate and feedback	
and feedback	feedback is not	or feedback lacks	feedback is specific,	challenges the learners	
	provided.	specificity (e.g.,	helping learners to	to clarify and extend	
	r-0,1000	"Good work").	clarify their	their thinking.	
		//	understanding.		
Comments:		1			
INSTRUCTION 8.	Candidate identifies	Candidate identifies	Candidate identifies	Candidate identifies	
Provides opportunities	language demands	vocabulary as the	vocabulary and one	vocabulary and one or	
for learners to master	(language function,	major language	or more additional	more additional	
academic language	vocabulary, syntax,	demand associated	language demands	language demands (e.g.,	
academic language	and grammar) that are	with the language	(e.g., discourse,	discourse, syntax,	
	not consistent with the	function and provides	syntax, function) and	function) and models	
	selected language	supports primarily	models the identified	the identified language	
	function (e.g., learning	addressing definitions	language demands	demands that are	
	outcome as in analyze,	of vocabulary.	and encourages	designed to meet the	
	interpret).	of vocabulary.	learners to use the	needs of learners with	
	interpret).		academic language.	different levels of	
			academic language.	language learning.	
Comments:				language learning.	
	Cond'i late da const	Contitute and inc	Constitute and iter	Con l'Attended	[
INSTRUCTION 9.	Candidate does not	Candidate requires	Candidate provides	Candidate encourages	
Allows learners to	provide opportunities	learners to	learners with varied	learners to demonstrate	
demonstrate knowledge	for learners to	demonstrate their	choices of ways to	their learning through a	
in a variety of ways	demonstrate their	learning in one way.	demonstrate their	wide variety of learner-	
Comments:	learning.		learning.	selected means.	
		1	1		
INSTRUCTION 10.	Candidate does not	Candidate paces	Candidate paces	Candidate paces	
Paces the lesson	pace learning	learning experiences	learning experiences	learning experiences in	
effectively with time for	experiences in ways	in ways that provide	in ways that provide	ways that provide all	
closure and learner	that allow learners to	learners with time to	all learners with	learners with ample	
processing	have time to engage in	engage in learning,	ample time to engage	time to engage in	
	learning and provides	with a teacher-led	in learning, time for	learning, time for	
	no time for closure or	closure that is a	closure, and time for	closure, and time for	
	learner processing.	reiteration of what	learner processing.	learner processing, with	
	-	was taught.	_	processing	
			1	1100 111	1
				differentiated by	
				learners' needs.	

As an effective educator, the teacher candidate:	Not apparent (Not ready for independent practice) 1	Emerging (Not yet ready for independent practice) 2	Proficient (Ready for independent practice) 3	Exemplary (Proficient Plus) 4	Ratin
	1 -	ASSESSMEN	Γ		
ASSESSMENT 1. Continuously monitors learners' learning	Candidate does not monitor learners' learning.	Candidate occasionally monitors some learners' learning.	Candidate regularly monitors most learners' learning.	Candidate regularly monitors all learners' learning.	
Comments:					
ASSESSMENT 2. Provides accurate feedback to learners	Candidate provides no feedback or provides feedback that is unrelated to the learning objectives, inappropriate, or contains significant inaccuracies.	Candidate provides general feedback or provides feedback that is somewhat related to the learning objectives or contains some inaccuracies.	Candidate provides feedback that is specific, accurate, and addresses learners' strengths and needs related to the learning objectives.	Candidate provides feedback that is specific, accurate, and addresses learners' strengths and needs related to the learning objectives and the feedback helps the learners evaluate their own strengths and needs.	
Comments:					
ASSESSMENT 3. Uses a range of appropriate formative assessments	Candidate uses no formative assessments.	Candidate uses assessments that are not appropriate or are not aligned with the objectives.	Candidate uses appropriate formative assessments that are aligned with the lesson objectives.	Candidate uses appropriate formative assessments that are designed to allow individuals or groups of learners with specific needs to demonstrate their learning.	
Comments:	1				
ASSESSMENT 4. Uses appropriate summative assessments	Candidate uses no summative assessments.	Candidate uses summative assessments that are not appropriate or are not aligned with the objectives.	Candidate uses summative assessments that are aligned with the objectives.	Candidate uses a variety of appropriate summative assessments, aligned with the objectives that allow individuals or groups of learners with specific needs to demonstrate their learning.	
Comments:					
ASSESSMENT 5. Examines performance data to understand each learner's progress and revise instruction	Candidate's analysis is superficial or not supported by learners' performance or does not result in changes to instruction.	Candidate's analysis is narrowly focused on what the learner did right and wrong or does not result in appropriate changes to instruction.	Candidate's analysis uses specific examples from learners' performance to demonstrate patterns of learning and makes changes in instruction to support groups of learners.	Candidate's analysis uses specific evidence from learners' performance to demonstrate patterns of learning and makes changes in instruction to support individuals and groups of learners.	

As an effective educator, the teacher candidate:	Not apparent (Not ready for independent practice) 1	Emerging (Not yet ready for independent practice) 2	Proficient (Ready for independent practice) 3	Exemplary (Proficient Plus) 4	Rating
ASSESSMENT 6. Communicates assessment information regarding learners' progress to others in respectful, ethical, and responsive ways	Candidate does not communicate assessment information regarding the learners' progress to others or does not communicate assessment information in respectful or ethical or responsive ways.	Candidate uses ineffective methods to communicate information regarding learners' progress to others in respectful, ethical, and responsive ways.	Candidate uses appropriate methods to communicate information regarding learners' progress to others in respectful, ethical, and responsive ways.	Candidate uses multiple appropriate methods to provide ongoing, systematic, respectful, ethical, and responsive communication of information regarding learners' progress to others.	
Comments:					
ASSESSMENT 7. Works with other professionals to plan and facilitate learning	Candidate does not work with other professionals.	Candidate works with other professionals, but only during required times (e.g., PLC, PD, department meetings).	Candidate collaborates with other professionals to plan and facilitate learning.	Candidate collaborates with other professionals to plan and facilitate learning and creates opportunities to work with professionals in learning communities.	
Comments:					
	MIDDLE	SCHOOL MATHEMA	TICS ADDENDUM		
ADDENDUM1. Exhibit knowledge of pre-adolescent and adolescent learning, development, and behavior. (NCTM 4a)	Candidate does not exhibit knowledge of pre-adolescent and adolescent development and behavior when planning and/or implementing mathematics lessons.	Candidate's mathematics lessons and actions provide some evidence of knowledge of pre- adolescent and adolescent development and behavior.	Candidate creates mathematics lessons that are developmentally appropriate for learners. Candidate establishes and teaches developmentally appropriate guidelines for routines and expectations for learner behavior.	Candidate consistently creates mathematics lessons are developmentally appropriate for the learners and explicitly connects the lessons to literature on pre/adolescent mathematics learning and development. Candidate establishes and teaches developmentally appropriate guidelines for routines and expectations for learner behavior with logical consequences.	
Comments:					
ADDENDUM2. Demonstrate a positive disposition toward mathematical processes and learning. (NCTM 4a)	Candidate rarely demonstrates a positive disposition towards mathematics and the learning of mathematics to the students	Candidate occasionally demonstrates a positive disposition towards mathematics and the learning of mathematics to the students	Candidate consistently communicates a positive disposition towards mathematics and the learning of mathematics to the students	Candidate explicitly communicates a positive disposition towards mathematics to the students and works to develop students' positive dispositions toward mathematics.	

As an effective	Not apparent	Emerging	Proficient	Exemplary	Rating
educator, the teacher	(Not ready for	(Not yet ready for	(Ready for	(Proficient Plus)	
candidate:	independent practice)	independent practice)	independent practice)		
	1	2	3	4	
Comments:					
ADDENDUM3. Incorporate knowledge of individual	Candidate does not attend to individual differences.	Candidate occasionally attends to individual	Candidate plans and/or enacts specific supports for the	Candidate consistently plans and enacts specific supports for all	
differences and the cultural and language	Candidate does not	differences of specific students.	variety of learners in the classroom.	learners in the classroom.	
diversity that exists within classrooms and include culturally relevant perspectives as a means to motivate and engage students. (NCTM 4c)	attend to the diversity of backgrounds and perspectives held by the learners.	Candidate creates lessons based on the dominant cultural background and perspective held by the learners.	Candidate creates lessons throughout the student teaching experience that attend to some of the different cultural backgrounds and perspectives of the learners.	Candidate creates culturally relevant mathematics lessons throughout the student teaching experience that attend to all the different different cultural backgrounds and perspectives of the learners.	
Comments:					
ADDENDUM4. Demonstrate equitable and ethical treatment of and high expectations for all students. (NCTM 4d)	Candidate demonstrates bias towards specific students or groups of students and/or allows for low quality work or sets no expectations for high-quality work during lessons.	Candidate does not demonstrate bias towards specific students or groups of students and sets expectations for high quality work for some learners.	Candidate works to include and support all students equitably in lessons and to support differing perspectives. Candidate holds high expectations for all students that are based on the learners' strengths and needs.	Candidate consistently includes and supports all students equitably in lessons and supports differing perspectives. Candidate holds high expectations for all students that are based on the learners' strengths and needs.	

As an effective	Not apparent	Emerging	Proficient	Exemplary	Rating
educator, the teacher	(Not ready for	(Not yet ready for	(Ready for	(Proficient Plus)	
candidate:	independent practice)	independent practice)	independent practice)		
	1	2	3	4	
ADDENDUM5.	Candidates rarely	Candidates	Candidates	Candidates consistently	
Apply mathematical	incorporates	occasionally	consistently	incorporates a variety	
content and pedagogical	instructional tools	incorporates some	incorporates a variety	of instructional tools	
knowledge to select and	such as manipulatives,	instructional tools	of instructional tools	such as manipulatives,	
use instructional tools	digital environments	such as	such as	digital environments	
such as manipulatives	and mathematics-	manipulatives, digital	manipulatives, digital	and mathematics-	
and physical models,	specific technologies	environments and	environments and	specific technologies	
drawings, virtual	(beyond an interactive	mathematics-specific	mathematics-specific	beyond an interactive	
environments,	white board) into	technologies beyond	technologies beyond	white board, including	
spreadsheets,	lessons.	an interactive white	an interactive white	mathematics-specific	
presentation tools, and		board into lessons.	board into lessons.	technologies, into	
mathematics-specific				lessons.	
technologies (e.g.,		The use of the	The use of		
graphing tools and		instructional tools	instructional tools	The use of instructional	
interactive geometry		typically does not	highlights important	tools highlights	
software); and make		highlight important	mathematical	important mathematical	
sound decisions about		mathematical	concepts and/or	concepts and/or allows	
when such tools		concepts and/or	allows students to	students to focus on the	
enhance teaching and		allows students to	focus on the essential	essential mathematical	
learning, recognizing		focus on the essential	mathematical	concepts of the lesson.	
both the insights to be		mathematical	concepts of the		
gained and possible		concepts of the lesson	lesson.		
limitations of such					
tools. (NCTM 4e)					
Comments:					

OVERALL COMMENTS