



## Designing Comprehensive Teacher Evaluation Systems

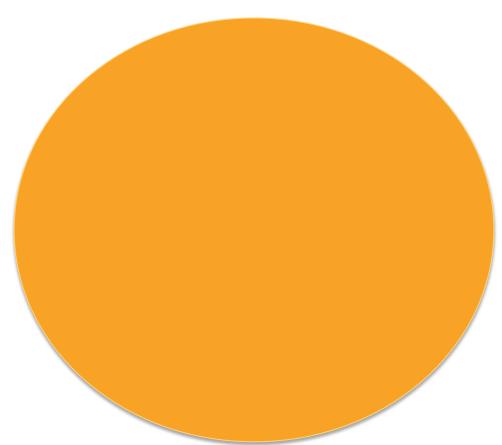
Please assess you current state using the following categories: 1 = Lacing Up; 2 = Out of the Starting Gate; 3 = Gaining Speed; and 4 = Caught the Runner's High

Ca	ategory/Rating	1	2	3	4
1.	Ensuring fidelity in the evaluation system > Evaluation goals > Selecting measures > Structuring the evaluation system				
2.	Selecting and Training Evaluators  > Establishing criteria for who can evaluate  > Preparing evaluators  > Addressing issues of quality and reliability				
3.	Using Teacher Evaluation Results  > Using evaluation results in HR decisions  > Aligning results with PD planning  > Developing long-term, targeted PD				

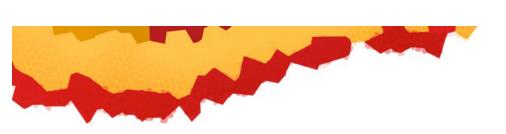
Adapted from A Practical Guide to Designing Comprehensive Teacher Evaluation Systems; National Comprehensive Center for Teacher Quality; May 2012



## Alaska's Evaluation Areas...



What measures will make up the components of the evaluation system?





### THE MIND SHIFT IN TEACHER EVALUATION

What I Got	What I Question	Something to Think About

The Mind Shift in Teacher Evaluation: Where We Stand – and Where We Need to Go; Angela Minnici; American Educator; Spring 2014 (Published April 8, 2014)

#### SELECTING AND TRAINING EVALUATORS – MODULE RESOURCES

Educator Effectiveness: Implementation of the Educator Effectiveness Evaluation System ASLI 2014

May 28 – 30, 2014

A Practical Guide to Designing Comprehensive Teacher Evaluation Systems; National Comprehensive Center for Teacher Quality; May 2012

Observations of Teacher Classroom Performance – Guide to Implementation Resources for Applied Practice; Milanowski, Prince, Koppich; CECR; 2013

Washington State Teacher/Principal Evaluation Project; 2014 <a href="http://tpep-wa.org/the-model/framework-and-rubrics/instructional-frameworks/danielson-framework/">http://tpep-wa.org/the-model/framework-and-rubrics/instructional-frameworks/danielson-framework/</a>

Washington State Teacher/Principal Evaluation Project; 2014 <a href="http://tpep-wa.org/the-model/framework-and-rubrics/instructional-frameworks/marzano/">http://tpep-wa.org/the-model/framework-and-rubrics/instructional-frameworks/marzano/</a>

Beginning Teacher Support and Assessment; California Department of Education (CDE) and Commission on Teacher Credentialing (CTC); Web Address for Resources <a href="http://www.btsa.ca.gov">http://www.btsa.ca.gov</a>

6th Grade Math https://www.youtube.com/watch?v=QxLFTvodBBI

K Language Arts https://www.youtube.com/watch?v=fmCA5rn75Nc

9th Grade L.A. https://www.youtube.com/watch?v=7K4M2WJXNxQ

H.S. Dance Class https://www.youtube.com/watch?v=kFs1LITXmJo

San Diego County Office of Education; Teacher Effectiveness and Evaluation; Web Address for Resources <a href="http://www.teachereffectivenessandevaluation.com">http://www.teachereffectivenessandevaluation.com</a>

# Danielson's Framework for Teaching (2011) At a Glance E-5 For Use in the 2013-14 School Year – Version 1.1

Criterion 1	Criterion 1 Criterion 2 Criterion 3				
Centering instruction on high expectations for student achievement.		nonstrating effective teaching ctices.	learning	zing individual student needs and developing s to address those needs.	
Domain 2: The Classroom Environment  2b: Establishing a Culture for Learning  Domain 3: Instruction  3a: Communicating with Students  3c: Engaging Students In Learning	3b: Disc	Using Questioning And cussion Techniques  nain 4: Professional ponsibilities  Reflecting on Teaching	Domain 1: Planning and Preparation  1b: Demonstrating Knowledge of Students  Domain 3: Instruction  3e: Demonstrating Flexibility And Responsiveness  Student Growth  SG 3.1: Establish Student Growth Goal(s)  SG 3.2: Achievement of Student Growth Goal(s)		
Criterion 4		Criterion 5		Criterion 6	
Providing clear and intentional focus on subject matter content and curriculum.		tering and managing a safe, itive learning environment.	elements	ultiple student data to modify instruction and student learning.	
Domain 1: Planning and Preparation  1a: Demonstrating Knowledge of Content and Pedagogy  1c: Setting Instructional Outcomes  1d: Demonstrating Knowledge of Resources  1e: Designing Coherent Instruction	2a: 0 Resp 2c: 1 2d: 1	nain 2: The Classroom ironment Creating an Environment of pect and Rapport Managing Classroom Procedures Managing Student Behavior Organizing Physical Space	Improve student learning.  Domain 1: Planning and Preparation  1f: Designing Student Assessments  Domain 3: Instruction  3d: Using Assessment in Instruction  Domain 4: Professional Responsibilities  4b: Maintaining Accurate Records  Student Growth  SG 6.1: Establish Student Growth Goal(s)  SG 6.2 Achievement of Student Growth Goal(s)		
Criterion 7	Criterion 8				
Communicating and collaborating with parents and the school community.		Exhibiting collaborative and collegial practices focused on improving instructional practice and student learning.			
Domain 4: Professional Responsibilities 4c: Communicating with Families		Domain 4: Professional Respons 4d: Participating in a Professional Community 4e: Growing and Developing Profe 4f: Showing Professionalism	ofessional  Student Growth  SG 8.1: Establish Team Student Growth Goal(s)		



## Danielson's Framework for Teaching (2011) Rubrics by Washington State Criteria

For Use in the 2013-14 School Year - Version 1.1

#### Criterion 1: Centering instruction on high expectations for student achievement.

Unsatisfactory - 1	Basic - 2	Proficient – 3	Distinguished – 4
The learning tasks and activities, materials, resources, instructional groups and technology are poorly aligned with the instructional outcomes or require only rote responses. The pace of the lesson is too slow or too rushed.  Few students are intellectually engaged or interested.	The learning tasks and activities are partially aligned with the instructional outcomes but require only minimal thinking by students, allowing most to be passive or merely compliant.  The pacing of the lesson may not provide students the time needed to be intellectually engaged.	The learning tasks and activities are aligned with the instructional outcomes and designed to challenge student thinking, the result being that most students display active intellectual engagement with important and challenging content and are supported in that engagement by teacher scaffolding.  The pacing of the lesson is appropriate, providing most students the time needed to be intellectually engaged.	Virtually all students are intellectually engaged in challenging content through well-designed learning tasks and suitable scaffolding by the teacher and fully aligned with the instructional outcomes.  In addition, there is evidence of some student initiation of inquiry and of student contribution to the exploration of important content.  The pacing of the lesson provides students the time needed to intellectually engage with and reflect upon their learning and to consolidate their understanding.  Students may have some choice in how they complete tasks and may serve as resources for one another.
	Critical A	Attributes	
Few students are intellectually engaged in the lesson. Learning tasks require only recall or have a single correct response or method. The materials used ask students to perform only rote tasks. Only one type of instructional group is used (whole group, small groups) when variety would better serve the instructional purpose. Instructional materials used are unsuitable to the lesson and/or the students. The lesson drags or is rushed.	Some students are intellectually engaged in the lesson.  Learning tasks are a mix of those requiring thinking and recall.  Students are in large part passively engaged with the content, learning primarily facts or procedures.  Students have no choice in how they complete tasks.  The teacher uses different instructional groupings; these are partially successful in achieving the lesson objectives.  The materials and resources are partially aligned to the lesson objectives and only in some cases demand student thinking.  The pacing of the lesson is uneven— suitable in parts, but rushed or dragging in	Most students are intellectually engaged in the lesson.  Learning tasks have multiple correct responses or approaches and/or demand higher-order thinking.  Students have some choice in how they complete learning tasks.  There is a mix of different types of groupings, suitable to the lesson objectives.  Materials and resources support the learning goals and require intellectual engagement, as appropriate.  The pacing of the lesson provides students the time needed to be intellectually engaged.	In addition to the characteristics of "proficient": Virtually all students are highly engaged in the lesson. Students take initiative to modify a learning task to make it more meaningful or relevant to their needs Students suggest modifications to the grouping patterns used. Students have extensive choice in how they complete tasks. Students suggest modifications or additions to the materials being used. Students have an opportunity for both reflection and closure after the lesson to consolidate their understanding.



## The Marzano Teacher Evaluation Model At a Glance EE-7 For Use in the 2013-14 School Year – Version 1.1

Criterion 1	Criterion 2		
Centering instruction on high expectations for student achievement.	Demonstrating effective teaching practices.		
Component 1.1: Providing Clear Learning Goals and Scales (Rubrics) Component 1.2: Celebrating Success Component 1.3: Understanding Students' Interests and Backgrounds Component 1.4: Demonstrating Value and Respect for Typically Underserved Students	Component 2.1: Interacting with New Knowledge Component 2.2: Organizing Students to Practice and Deepen Knowledge Component 2.3: Organizing Students for Cognitively Complex Tasks Component 2.4: Asking Questions of Typically Underserved Students	Component 2.5: Probing Incorrect Answers with Typically Underserved Students Component 2.6: Noticing when Students are Not Engaged Component 2.7: Using and Applying Academic Vocabulary Component 2.8: Evaluating Effectiveness of Individual Lessons and Units	
Criterion 3	Criterion 4	Criterion 5	
Recognizing individual student learning needs and developing strategies to address those needs.	Providing clear and intentional focus on subject matter content and curriculum.	Fostering and managing a safe, positive learning environment.	
Component 3.1: Effective Scaffolding of Information Within Lessons  Component 3.2: Planning and Preparing for the Needs of All Students	Component 4.1: Attention to Established Content Standards	Component 5.1: Organizing the Physical Layout of the Classroom Component 5.2: Reviewing Expectations to Rules and Procedures Component 5.3: Demonstrating "Withitness" Component 5.4: Applying	
Student Growth 3.1: Establish Student Growth Goal(s)  Student Growth 3.2: Achievement of Student Growth Goal(s)	Component 4.2: Use of Available Resources and Technology	Component 5.4: Applying Consequences for Lack of Adherence to Rules and Procedures Component 5.5: Acknowledging Adherence to Rules and Procedures Component 5.6: Displaying Objectivity and Control	





## The Marzano Teacher Evaluation Model At a Glance EE-8 For Use in the 2013-14 School Year - Version 1.1

Criterion 6	Criterion 7	Criterion 8
Using multiple student data elements to modify instruction and improve student learning.	Communicating and collaborating with parents and the school community.	Exhibiting collaborative and collegial practices focused on improving instructional practice and student learning.
Component 6.1: Designing Instruction Aligned to Assessment Component 6.2: Using Multiple Data Elements Component 6.3: Tracking Student Progress  Student Growth 6.1: Establish Student Growth Goal(s)  Student Growth 6.2: Achievement of Student Growth Goal(s)	Component 7.1: Promoting Positive Interactions about Students and Parents – Courses, Programs and School Events  Component 7.2: Promoting Positive Interactions about Students and Parents – Timeliness and Professionalism	Component 8.1: Seeking Mentorship for Areas of Need or Interest Component 8.2: Promoting Positive Interactions with Colleagues Component 8.3: Participating in District and School Initiatives Component 8.4: Monitoring Progress Relative to the Professional Growth and Development Plan  Student Growth 8.1: Establish Team Student Growth Goal(s)



## The Marzano Teacher Evaluation Model by Washington State Criteria For Use in the 2013-14 School Year – Version 1.1

A-11 A-	D	effective teaching	<b></b> ■
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Unsatisfactory – 1	Basic - 2	Proficient – 3	Distinguished – 4
When the strategy is called for the teacher does not use it or the teacher uses the strategy incorrectly or with parts missing.	The teacher is not consistent in probing all students' incorrect answers.	The teacher probes all students' incorrect answers and monitors the level and quality of the responses.	The teacher adapts or creates new strategies to meet the specific needs of students for whom the typical application of strategies does not produce the desired effect.

#### Component 2.6: Noticing When Students Are Not Engaged

The teacher uses various methods to engage students.

Possible Teacher Evidence		Possible Student Evidence	
<ul> <li>Scans room to determine the level of student engagement</li> <li>If students are not engaged, employs one or more strategies to re-engage students, such as (but not limited to): <ul> <li>Academic games</li> <li>Questioning techniques with high response rates</li> <li>Physical movement</li> <li>Friendly controversy</li> </ul> </li> </ul>		<ul> <li>Students visibly adjust their level of engagement based on teacher actions</li> <li>Students describe the class as interesting</li> <li>Students attend to appropriate activities throughout the class</li> </ul>	
Unsatisfactory – 1	Basic – 2	Proficient – 3	Distinguished – 4
The teacher does not monitor student engagement and apply reengagement strategies as necessary OR does so with significant errors or omissions.	The teacher monitors student engagement and applies re-engagement strategies as necessary BUT does not monitor the extent to which strategies have their desired effect.	The teacher monitors student engagement and applies re-engagement strategies as necessary AND monitors the extent to which strategies have their desired effect, which includes: enhanced energy and engagement and enhanced student participation in questioning activities and activities designed to analyze and review information.	The teacher adapts or creates new strategies to meet the specific needs of students for whom the typical application of strategies does not produce the desired effect.

#### Why were the changes to the teacher and administrator evaluation regulations made?

The state law governing teacher and administrator evaluation was passed in 1996. Since that time, there have been significant changes to the education profession's understanding of how to use evaluation as a means to differentiate between struggling, novice and exceptional teachers, and to encourage and support appropriate professional growth. New instruments and tools have been developed that help focus the efforts of teachers and administrators on improving the effectiveness of instruction. With this in mind, the State Board of Education & Early Development recognized that it was time for districts to review and revise their evaluation systems. They also recognized that a quantitative measure of student learning needed to be added to the districts' systems to provide a more complete picture of the level of effectiveness of the teachers and administrators in Alaska.

#### How will the new requirements change existing district evaluation systems?

The newly adopted evaluation regulations require that districts modify their existing systems to:

- Focus the evaluations on specific standards.
- Consider selected cultural standards.
- Assign one of four performance levels: exemplary, proficient, basic, and unsatisfactory.
- Assign an overall rating that uses the same four performance levels.
- Provide training for evaluators to ensure inter-rater reliability.
- Use student learning data in the evaluation of teachers and administrators.

#### Districts were provided the following options:

- Provide a plan for professional growth for an educator receiving a rating of basic on two or more standards.
- Use a department-approved, nationally-recognized evaluation framework.

#### When are the changes to the districts' evaluation systems required?

The following changes need to be made as soon as possible:

- Focus evaluation on the specific standards.
- Consider the cultural standards in the district's evaluation system.
- Adopt a four-performance-level system.
- Provide evaluation training to administrators to ensure inter-rater reliability.
- Determine whether and how the district might implement a plan for professional growth.
- Determine whether the district will use one of the department-approved, nationally recognized evaluation frameworks.

By July 1, 2015, in addition to the changes above, the following must be completed:

- Standards for performance based on student learning data must be adopted.
- Two to four measurements of student growth must be identified for each subject and grade level.
- Procedures to incorporate student data into the evaluation process must be established.

#### What are the districts required to report to the state? When will the reporting begin?

A district is required to report the number and percentage of teachers, administrators and special service providers at each of the overall performance levels. On July 1, 2016, the districts will report this information for the 2015-2016 school year for the first time.

#### Will my evaluation or documents that are a part of my evaluation be made public?

No. State law requires that evaluations be confidential. Teachers', administrators', and special service providers' evaluations are not and will not be a public record, per Alaska Statute 14.20.149 (h). The reporting requirement described above will not include individually identifiable information.

#### Who will be responsible for making the changes in the district's evaluation system?

According to state law, each district's school board is responsible for the district's evaluation system. During the redesign of its evaluation system, the district must consider information from students, parents, community members, classroom teachers, affected collective bargaining units, and administrators. The new regulations also require that the district confer directly with the educators who are subject to the evaluation system when identifying the appropriate student learning data for the evaluation and adopting standards for performance based on student learning data.

#### What will the state do to help?

The Department of Education & Early Development will work with district, state, and national experts to provide additional guidance and technical assistance to districts as they begin modifying their existing evaluation systems to satisfy the new requirements. The department will assist Alaska's educational leaders in the identification and/or development of effective and valid tools to evaluate educators in the all subjects and grade levels across the state. As needed, the department will explore whether additional resources will help to move this work forward.

#### STUDENT LEARNING DATA

#### Will teachers be evaluated on one standardized test that is only a snapshot in time?

No. The new regulation requires that two to four measures of student growth be used when determining a teacher's or administrator's performance level in student learning.

For areas in which an appropriate statewide standardized assessment is available, the assessment will be used only as one of at least two sources of evidence. The weight of the statewide assessment data will be at least as high a proportion as any other measure of student growth used by the district.

#### Will Alaska's current statewide assessment, the SBAs, be used?

No. Our current statewide assessment is not vertically aligned from grade to grade and is not able to adequately measure growth from year to year. New assessments that are being considered for our new college- and career-ready English/Language Arts & Mathematics standards will be vertically aligned and will have intermediate tools to use during the school year. If, at the completion of their design, the new assessments are determined to be valid measures, the commissioner can identify them as one of the tools to be used in grades and subjects for which they are designed.

#### What is student learning data?

Student learning data is defined as an objective, empirical, valid measurement of a student's growth in knowledge, understanding, or skill in a subject area. The growth must have occurred during the time the student was taught the subject by a teacher. The measurement or assessment must be:

- Based on verifiable data or information that has been recorded or preserved;
- Able to be repeated with the same expected results, and;
- Independent of the point of view or interpretation of the person giving the assessment

#### What can be used for measuring student learning? What are some examples of student learning data?

Districts, with direct input from educators who are being evaluated, will identify tools to determine the performance level of teachers and administrators in the area of student learning. The tools identified must satisfy the definition of student learning data provided in the regulation. There are a number of tools that are currently being used in districts across Alaska that could satisfy the definition; for example, NWEA Measures of Academic Progress (MAPS), Dynamic Indicators of Basic Early Literacy Skills (DIBELs), pre- and post- curriculum-based tests, and teacher-created school/district common assessments. Teacher-created school/district common rubrics designed to measure specific skills that describe varying acquisition levels could

also be used as a tool to assess student growth demonstrated through portfolios, projects, products and performances.

#### What student learning data will be used in Special Education teachers' evaluation?

Generally speaking, for students with disabilities, Individualized Education Programs are designed to recognize current levels of achievement and goals for growth. Measurements used to establish those goals would be appropriate to use. Intensive-needs students may have life skills goals rather than academic ones. Again, measurements of progress toward those goals could be used. Districts will have the ability to recognize unique situations and work with teachers to set and measure proper goals.

#### How will teachers be evaluated in "non-tested" or "non-assessed" subjects?

Districts and teachers will develop tools for currently "non-tested" or "non-assessed" subjects. All courses being offered should have the ability to recognize a goal of achievement for students to attain. Districts must work with teachers to recognize and/or develop tools to measure growth.

### Is evaluation of a teacher based on a student's learning equivalent to a dentist being evaluated on how many cavities a patient gets, or a doctor on how many people die of cancer?

No. The intent of this regulation is to expand the evaluation beyond characteristics of the teacher to include conversation about the students. It is reasonable to evaluate teachers based on student *growth*. It would also be reasonable to evaluate a dentist based on the measurable effect the dentist has on the patient, including the improvement in the patient as a result of the work done by the dentist -- for example, fillings, root canals, and crowns. With regard to the comparison of students to cancer patients, the comparison is not apt because a cancer patient may never improve but all students can improve. Furthermore, the impact of the doctor's work will be reflected in the doctor's patients. If a doctor had great bedside manner, a beautiful office, great magazines, but no patients improved, and terminally ill patients were not made more comfortable, the doctor typically wouldn't be considered proficient.

## Will teachers and administrators be held accountable for students who are frequently absent or enroll halfway through the school year?

The new regulations require districts to develop procedures to ensure that the student data used to measure teacher and administrator performance in the area of student learning accurately reflects student growth based on the educator's performance. This provision requires districts to establish objective and measurable criteria to determine what student learning data will be included in or excluded from a teacher's or administrator's evaluation. Rules surrounding factors that are considered outside of the teacher's and administrator's control, like attendance, can be established through this provision.

#### Does the new evaluation process set up a teacher or administrator to be more easily fired?

No. Current tenure law as well as procedures for providing teachers and administrators an opportunity to improve their performance prior to termination is the same as it currently is.

#### Will the student learning data be another subjective measure of a teacher's performance?

No. The requirement to add the measurement of student learning data is designed to be a quantitative, objective measure. The new regulation requires that district's evaluator training includes specific provisions to assure inter-rater reliability. This additional requirement will also provide more consistency in the gathering and reporting of the qualitative information gained through observation.

Observation remains a requirement for evaluation and is primarily qualitative.

### What percentage of a teacher's and administrator's evaluation will be based on student learning data?

In the 2015-2016 and 2016-2017 school years, 20% percent of a teacher and administrator's evaluation will be tied to student learning. During the 2017-2018 school year, it will be 35%. In 2018-2019 school year, it will top out at 50%.

#### How will student learning data impact the overall rating a teacher or administrator receives?

Districts, with direct input from educators who are being evaluated, will establish standards for student learning data. The district will determine the performance level that will result in a rating of exemplary, proficient, basic, and unsatisfactory on the student learning standard. In order to gain an overall rating of proficient, a teacher or administrator would need to be rated as proficient or exemplary on all of the standards (including the area of student learning) on which they are being evaluated.

For teachers or administrators who receive a mix of proficient and exemplary ratings on the individual standards, the districts will need to establish a protocol or formula to determine their overall rating. Depending on the schedule described above, the student learning data will need to account for 20 to 50% of that calculation. A protocol or formula will also need to be established to determine the overall rating of teachers and administrators who receive a mix of ratings on the individual standards that include an unsatisfactory or a basic rating.

#### What is a plan of professional growth? How does it differ from a plan of improvement?

If an educator receives a rating of basic on two or more standards, a district must provide support and assistance, as determined by the district, to the educator for improvement on the standards in question. The district may optionally develop a plan of professional growth in consultation with the educator. A plan of professional growth would include clear and specific

performance expectations and a description of ways that the educator's performance can be improved. The duration of the plan for professional growth would be determined by the district. If at the conclusion of a plan for professional growth, the educator's performance on the standards or criterion in question is not proficient or exemplary; the district may opt to place the educator on a plan of improvement under Alaska Statute 14.20.149.

If an educator receives a rating of unsatisfactory on any one standard or criteria on his or her evaluation, the district is required by current state law to place the educator on a plan of improvement. If the educator has gained tenure under Alaska Statute 14.20.150, in addition to clear, specific performance expectations and specific ways in which the tenured educator's performance can be improved, the tenured educator's plan of improvement must be between 90 and 180 workdays, unless shortened by agreement between the evaluation administrator and the educator. If the educator is an administrator, the plan may be between 90 and 210 workdays. During the plan of improvement, the individual must be observed at least twice by the school district. If, at the conclusion of the plan of improvement, the tenured teacher's performance again does not meet the district's performance standards, the district may non-retain the teacher. For an administrator who continues to not meet the district's performance standards, the district may terminate the administrator's contract.

## What nationally recognized teacher and administrator evaluation frameworks are approved by the department?

The following evaluation frameworks are approved by the department:

- Charlotte Danielson's Framework for Teaching.
- Marzano's Teacher Evaluation Model.
- University of Washington's Center for Education Leadership Five Dimensions of Teaching & Learning.

If a district is interested in using a framework not currently approved, it can contact Sondra Meredith at <a href="mailto:sondra.meredith@alaska.gov">sondra.meredith@alaska.gov</a> for information concerning the approval process.

#### How will the state monitor the districts' compliance with the new regulations?

Districts are required to post their revised evaluation system to their website. In the information posted to their websites, the districts are required to document how the district conferred with students, parents, community members, classroom teachers, affected collective bargaining units and administrators as they redesigned their evaluation system. The department will review the new systems to determine compliance. If a district is not in compliance, the department will specify the corrections the district must make to bring their system into compliance. The department will provide further technical assistance, as needed.



### 2<sup>nd</sup> Grade Teacher - Establishing Rules and Procedures

Mary is a second grade teacher with three years of experience. She has inherited a challenging classroom of students filled with what seems to be boundless energy. In your early fall observation of her classroom, you note multiple inconsistencies in her classroom rules and and procedures.

What professional development would you outline for her to support her growth (How)? What resources would you identify to support her content learning to improve rules and procedures (What)?



6th Grade Teacher-Using Questioning & Discussion Techniques

Brad is a sixth grade teacher with seven years of experience. With the implementation of the Alaskan Standards, he has been consciously working on challenging his student with higher order thinking tasks. In your observation of his classroom, you note he is struggling with questioning and discussion techniques.

What professional development would you outline for him to support his growth (How)? What resources would you identify to support his content learning to improve his questioning and discussion techniques in the classroom (What)?



### Music Teacher - Providing Feedback to Students

Nancy is a music teacher with 12 years of experience. In an effort to renew her teaching strategies, she has chosen to focus on differentiated methods for providing feedback to students. In observing her teaching, you recognize that she is using a limited number of strategies to provide feedback.

What professional development would you outline for her to support his growth (How)? What resources would you identify to support her content learning to expand her methods of providing students with differentiated feedback (What)?



### H.S. Science Teacher - Demonstrating Knowledge of Content

Michael is a biology teacher with 17 years of experience. In implementing the Alaskan Standards, he is struggling with the increased cognitive demands his students will be facing. While you are not an expert in science teaching, you do note that he lacks clarity in teaching complex science concepts.

What professional development would you outline for him to support his growth (How)? What resources would you identify to support his his needs around content learning in biology (What)?