PACE MEETING RESOURCES & SUPPORT FOR CONTENT TEAM LEADS

At Draper Intermediate we believe that ALL students can learn and must learn at relatively high levels. We are confident that with our foundation of strong relationships students can master challenging academic material. Because of this, we are prepared to work collaboratively with colleagues, students, and parents to achieve this shared educational purpose.

EVERY KID, EVERY DAY, EVERY WAY!

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The Why: Building a Solid Foundation for our Work

Questions to Guide the Work of Your Team: To assess your effectiveness in building a solid foundation, ask . . .

- 1. Have we created a guiding coalition to help implement and sustain our team? 2. Have we established an understood and accepted working definition of when we have reached consensus? 3. Did we build shared knowledge throughout the organization before asking people to make a decision? 4. Did we engage in dialogue rather than monologue—conversations rather than presentations—to provide people throughout the organization with ample opportunity to ask their questions and raise their concerns? 5. Have we created a process to allow dissenting points of view to be heard in a nonacrimonious way? 6. Have the staff embraced the premise that the purpose of their school is to ensure high levels of learning for all students?
- 7. Have the staff established the conditions they must create in the school to help all students learn at high levels?

8. Have the staff translated their aspirations for the school and their desire to help al students learn at high levels into collective commitments about how each individual can contribute to the school's vision and mission?
9. Have the staff established the school's short-term and long-term goals to serve as benchmarks of progress on their PLC journey?
10. Has the discussion to clarify the mission, vision, values (collective commitments) and goals led to specific actions designed to move the school closer to its vision
11. Has the school initiated structural changes and reallocated resources to support the new vision?
12. Has the school created a process for monitoring progress toward the vision?
13. Are the four critical questions of a PLC driving the work of people throughout the school?
14. Do we celebrate our progress, model our commitments, and confront violations of the commitments?

Building Consensus as a Team

Protocol for Building Consensus

- Did we honestly assess our current reality in establishing the need for improvement? (Do we agree that we need to have the conversation?)
- Did we ensure **all points of view were heard?** (Have we set up a situation in a cogent fashion?)
- Did we **build shared knowledge**, exploring data and/or best practice research to support our points of view? (Did we do our homework or are we merely pooling opinions?)
- Was the **will of the group evident**, even to those who opposed it? (Did we utilize a process such as Multi-voting Process?)

These steps can be used in a variety of ways—this process can be used many ways. If you haven't done your homework, then you're the problem, not the process. If the answer to each of these questions is **YES**, then **move forward—Believing or Behaving as if!**

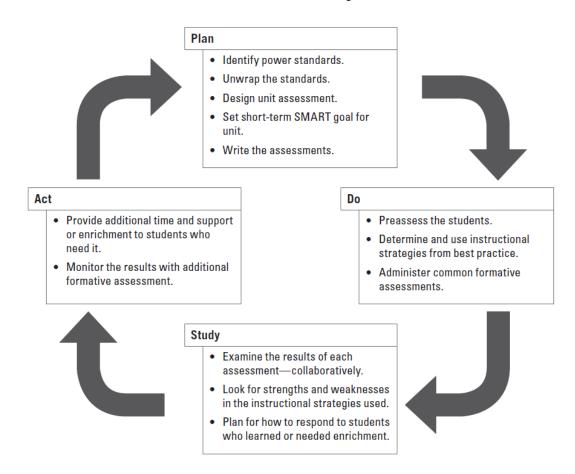
Multi-Voting Process

A Protocol for Building Consensus

- Brainstorm ideas/options
 - Get the ideas on paper
- Yes/No reduction (optional)
 - Raise hand (no explanations) 50% +1 vote to move forward
 - Transfer others to the "parking lot"
- Allow time for advocacy and inquiry
 - Set I-2 minutes to advocate
 - Any inquiry can help mediate
- "Sticky Dot" Vote #1 (# of ideas/3)
 - Each member gets # votes
 - Can spend dots however you want
 - Be strategic
- **Eliminate** items with few or no votes
- Additional advocacy/inquiry (round 2 optional)
- If necessary, **sticky dot vote #2, #3...** until the final priority (-ies) reveal themselves.

The Short Cycle at a Glance

Short-Term Cycle



Questions to Clarify Essential Learning

1. What is it we want all students to know and be able to do as a result of this course, grade level, or unit of instruction?
2. How can we be sure each student has access to the same knowledge and skills regardless of who is teaching the course?
3. What knowledge and which skills in our curriculum pass the four-part test: endurance, leverage, necessity for success at the next level, and likely to be assessed on high-stakes external tests?
4. What material can we eliminate from our curriculum?
5. How should we pace the curriculum to ensure that all students have the opportunity to master the essential learning?
6. Have we agreed on what proficient student work looks like? Can we consistently apply our agreed-upon criteria for student work to ensure students receive reliable feedback?

Determining Essential High Leverage Learning Targets

Five Filters to Use

READINESS

This concerns the *prerequisite skills for future learning without which students would be unsuccessful.*

Example: Students in grade 5 would need to know how to divide fractions in order to be prepared for the work of applying fractions in grade 6.

LEVERAGE

Skills with leverage are powerful and applicable across multiple content areas.

Example: The skill of summarizing is crucial in all content areas. To illustrate this point, students must be able to identify and communicate key points and relevant supporting details to more briefly retell literary stories, condense events and influences in history, and write concise conclusions in a lab report.

ENDURANCE

Skills we consider to be enduring refer to *those that students will use throughout their school, career, and life situations*.

Example: Skills that relate to number sense or estimating enable students to determine whether a mathematical solution makes sense.

EXTERNAL EXAMS

Concepts and skills that students are *most likely to encounter on annual standardized tests, college entrance exams, and occupational competency exams* for which students will need to prepare.

INTERVENTION

If a student did NOT master this standard (and the underlying concepts and skills), would it be essential that we guarantee that an INTERVENTION GROUP be created to provide Tier 2 and Tier 3 support to the extent that all students DO master the standard (and the underlying concepts and skills)?

Sample Agenda for Determining Power Standards

Time	Description of Activity	Product
Ten minutes	The team discusses the terms	
	endurance, leverage, and readiness to	
	make sure team members have a	
	common understanding of these	
Turantu	criteria and what they are looking for.	Fach to ach as will be us
Twenty	Each team member works	Each teacher will have
minutes	independently to apply the three criteria to his or her list of state	highlighted approximately one-third of his or her
	standards. It is important not to take	standards, indicating the
	too much time during this step or	ones he or she believes
	some teachers may overthink the	meet the criteria.
	process and want to mark most of the	moot the emeria.
	standards.	
Up to an hour	During this step, the team builds	Teams develop a first draft
	consensus about which standards	of their team list of power
	belong on the draft list. Team	standards.
	members may spend time discussing	
	what the standard means.	
Twenty	Compare the draft of power standards	Teams might revise the
minutes	to the state blueprint indicating what is	draft to reflect what they've
	likely going to be emphasized on the	learned.
	state test. The team may want to	
	spend some additional time looking at	
	longitudinal data about how students	
Thirty minutes	generally do on the state test. Teams review how their draft list of	Each team walks away
to one hour	power standards fits into the	with a final list of power
to one nour	standards chosen by the grade level	standards for its team that
	or course before theirs and the grade	is aligned to the state test
	level or course taught after theirs.	blueprint and vertically
	They look for gaps and redundancies.	aligned with other teams in
	ση στο	its building or district.
Varies	The team then discusses the pacing	Teams should have a
	of its power standards. For some	document that lays out—at
	schools and districts this is done using	least quarterly or by
	previously developed curriculum maps	trimester—which power
	or pacing guides. For others, this will	standards are being taught
	take much longer if teams are starting	during that quarter or
	from scratch.	trimester.

^{*}This will likely not all happen during the same meeting.

Sample Agenda for Unwrapping Standards

Facilitator Notes

Refresh members of the team about today's goal and the purpose and importance of unwrapping the standards.

Purpose—To get team clarity of the power standards through an examination of the skills and concepts, big ideas, and potential essential/guiding questions that they address

Why is this important?—The highest levels of learning occur when all teachers agree on the prioritized curriculum and when students are clear about what they're trying to learn. By unwrapping the standards, we can all make sure we're focusing on the same learning targets that are contained within the standard. This will help us create aligned instruction and common assessments.

Materials and Equipment Needed

- Copies of the power standards for the selected content area
- Unwrapping template/graphic organizer
- •• Reference materials (standards frameworks, taxonomies)
- •• Equipment and materials for the group process (document camera, overhead projector, chart paper)

Unwrapping Process

- Make sure everyone has a copy of the selected standard from the power standards.
- •• Ask team members to circle the key verbs (skills) and nouns (concepts) contained within the standard.
- •• Using the graphic organizer/template, collectively reorganize the concepts (the "need to know" nouns) and the skills (the "able to do" verbs). It's not absolutely necessary that each member of the team to use the same graphic organizer. (Facilitator note: You can do this using a document camera, an overhead projector, chart paper, or a whiteboard.)
- •• Identify the academic language that must be reinforced or established.
- •• Examine the list of identified skills, and discuss the level of thinking associated with each using the preferred taxonomy.
- •• Identify the big idea behind the standard.
- •• Identify essential questions that will lead to the big ideas and serve as a focus for instruction.

5-Step Process for Unwrapping Standards

Step One: Focus on the Key Words

Explain events, procedures, ideas, or concepts in a [historical, scientific, or technical text], including what happened and why, based on specific information in the text.

Step Two: Map It Out

What Will Students <u>Do</u> ? (Skills)	With What <u>Knowledge</u> or <u>Concepts</u> ?	In What <u>Context</u> ?	Step Three: Analyze the Target
			Level of Thinking
Explain	what happened based on specific information in an event, procedure, or ideas/concept	contained in historic, scientific, or technical text	Remembering
Explain	why something happened based on specific information in an event, procedure, or idea/ concept	contained in historic, scientific, or technical text	Understanding

Implied learning targets:

- · Negotiate various text structures (such as historic, scientific, or technical text).
- · Identify key ideas and information within a text.
- · Summarize (orally or in writing).
- · Recognize cause/effect relationships.

Vocabulary: Summarize, paraphrase

Step Four: Determine the Big Ideas

 There are strategies that good readers use to identify critical information in a text and communicate it effectively to others.

Step Five: Establish Guiding Questions to Be Answered in Your Instruction

- · How does the way the information is arranged on a page assist me as a reader?
- What are strategies that help to organize information that I've learned so that I can share it with others?

Unwrapping Template for Backward Design

Guiding Questions

- •• What will we prioritize in our teaching during this time period or instructional unit? (Which standards or objectives?)
- •• What do we want students to know and be able to do at the end of this time period or instructional unit? (What are the learning targets?)
- •• What evidence will we see if students successfully learn these skills and concepts? (What will the assessment items show?)

Learning Targets		Level of Thinking (Bloom, Marzano, or Webb)	Type of Assessment Item (Written Response, Multiple Choice, and So On)
Connected	Students will know(simple concepts)		
Concepts	Students will know(complex concepts)		
Skills	And be able to		
Vocabulary that support the standard			

Level of Thinking Options

Bloom's Taxonomy (Revised)	Marzano's Taxonomy	Webb's Depth of Knowledge
Remembering Understanding Applying Analyzing Evaluating Creating	Level 1: Retrieval Level 2: Comprehension Level 3: Analysis Level 4: Knowledge utilization Level 5: Metacognition Level 6: Self-system thinking	Recall and reproduction (DOK 1) Skills and concepts (DOK 2) Strategic thinking/complex reasoning (DOK 3) Extended thinking/ reasoning (DOK 4)

Webb's Depth of Knowledge Levels and Characteristics

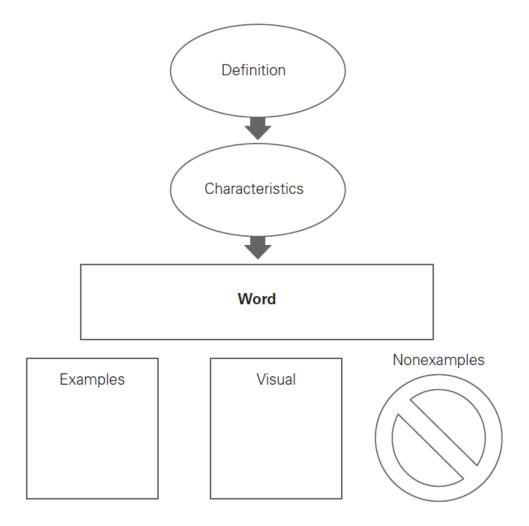
DOK Level	Characteristics
Level 1: Recall and Reproduction	Students recall or reproduce
	information or carry out a known
	procedure.
Level 2: Skills and Concepts	Students use information or
	conceptual knowledge to solve a
	problem. Often two or more steps are
	necessary to complete a task.
Level 3: Strategic Thinking	Students reason and develop a plan
	that will lead to a solution. Multiple
	steps or sources are an indication of
	the need for strategic thinking. There
	may be multiple answers to a problem.
Level 4: Extended Thinking	Students think and investigate over
	time. Students need to review multiple
	facets of a problem.

Questions for Expectations and Rigor

On a scale of 1–5 (1 is low; 5 is high), where is your school in terms of establishing fidelity to the learning expectations for pre K–12 students? Are you snorkeling or deep-sea diving? Consider the following four questions.

- 1. Do all grade-level teams and departments see with the same lens the importance of prioritizing standards?
- 2. What conversations have the teachers in your school had around providing varying degrees of rigor?
- 3. What will you do to make the standards picture clearer for your students?
- Respond to the following statements.
 In order for students to learn at high levels, they have to be taught at high levels.
 Most schools don't have a scheduling problem; they have a targeting problem.

Modified Frayer Model



Corollary Questions and Collaborative Common Assessments

Corollary Questions of Effective Teaching Teams	Connection Between the Question and the Practice of Common Assessments
1. What do students need to know and be able to do?	Effective teams identify the essential knowledge and skill expectations for their learners based on required standards and in advance of any instruction. Teams backmap their assessment plans to align with their standard expectations (see figures 1.3 and 1.4 in chapter 1 as an example). Valid and reliable common assessments are contingent upon a team's ability to develop congruence with required expectations that are answered by corollary question 1.
2. How will we know when they have learned it and can do it?	Teaching teams can only answer this question through the work of common assessments. When teachers review their data in isolation, they frame their experiences and opinions, but the variables that lead to their results cannot be compared in a manner that helps them create information regarding what works and what doesn't work instructionally. Data can only provide information when reviewed in comparative ways against a valid benchmark; otherwise, they are simply random data points. Common assessments provide teams with the evidence needed to help teams answer corollary question 2. Collaborative common assessments are the engine of a PLC because they can drive teams to make more informed decisions regarding their practice.
3. How will we respond when students don't learn it?	Teams require the data and evidence generated from common assessments to answer corollary question 3. Reflection and analysis regarding their individual and collective results combined with collaborative problem solving provide the only means to help teams find the best way to target exact learning needs and demystify complex learning issues.
4. How will we respond when they already know it?	Enrichment, extension, and advancement are proving harder to address than interventions. In all of these activities, educators must help learners who have mastered content and skills to extend their learning. Enrichment does not mean doing more work, helping others to learn something they have <i>not</i> yet mastered, or moving to the next chapter. When teams design their common assessment products and processes, they plan for what a true enrichment might look like—one that is engaging and fun while building upon current learning targets that have been newly mastered in challenging ways. When teams design the enrichments in advance of instruction, they can increase motivation and understanding in the following ways. They clarify even further their own understanding (and that of their learners) of what mastery will need to look like. They pique interest in advance of instruction by showing learners the possibilities that lie before them if they master the expectations in a timely manner.

Step Protocol for Developing an Assessment

Facilitator Notes

Remind team members that the purpose of each common formative assessment is to provide data back to the team about which students have or have not mastered each of the learning targets being assessed. The assessment needs to be short and easy enough to score so that the team can respond quickly to the results. The team will respond to students who need additional time and support around a specific learning target, those who might benefit from additional practice, as well as those who would benefit with opportunities for enrichment and extension.

Materials Needed

- •• The unwrapped organizer for the standard(s)
- •• Template for assessment plan

The Design Process

Step One: Decide What to Assess

Consider all of the learning targets you have found during the unwrapping process that are being taught during this part of the unit. Decide which of these targets to assess. Remember you do not have to assess every learning target.

Consider:

- 1. Which targets are most likely to cause certain students difficulty?
- 2. Which targets are most important or prerequisite skills for information to come later in this unit?
- 3. Which targets are absolutely necessary for students to know?

Step Two: Decide How to Assess

For each learning target, make sure team members agree on the expected level of thinking for mastery of that target. For each learning target, choose the most appropriate assessment method: selected response, constructed response, or performance assessment. Make sure that the thinking level you're expecting can be assessed with the type of assessment you've chosen.

Step Three: Develop the Assessment Plan

Complete the assessment plan. Decide what type of items and how many items you will use to assess student learning on each target. Consider how long the assessment will take to administer and how much time teachers will need to score the results.

Step Four: Determine the Timeline

Decide the date or range of dates for administering the assessment and the date for the next meeting to discuss results. Remember to consider scoring time before establishing the date for the meeting to discuss the data.

Step Five: Write the Assessment

Use the guidelines for quality item writing while writing the assessment.

Step Six: Review the Assessment Before Administration
Review the assessment to make sure the directions are clear and that students will understand what you are expecting from them during the assessment.

Step Seven: Set Proficiency Criteria and Decide How to Gather the Data Determine what the score for proficiency will be so that data can be reported back by learning target and by student.

SMART Goals and Action Planning Worksheet

SMART Goals and Action Planning Worksheet

Desired Reality Possible Causes for Gap **Action Plan Current Reality** (Our SMART Goal) Between Goal and Reality? and Tools for Monitoring What is the data showing as What specifically will Is the curriculum we What is our step-by-step plan to accomplish this goal? What the greatest area of need? students do? tools can we use (or create) to check whether students are teach truly aligned to the making progress (in other words, is our plan working)? standards? **Action Steps** Evidence of Success or Completion Are we ordering and prioritizing our instruction What specific skills and To what extent and by when? effectively? concepts must we focus on? Are we using formative assessment data to monitor the learning of every student? Is that information As measured by what? being used to adjust instruction on an ongoing basis? Are students familiar with assessment vocabulary and format? Example: By June 2004, Are we using effective 90 percent of our students teaching strategies? will write a well-developed persuasive essay attaining a score of 3 as measured by Are the tools and materials our district writing rubric. we use effective in delivering our instruction? Are we meeting the needs of our struggling students by providing additional time and support?

Protocol for Data Team Meeting

Each teacher brings his or her own data to the meeting. The data should be available by learning target and by student.

Step One: How many students were below proficiency, at proficiency, and above proficiency? Use this information to decide how to regroup students for a response.

Step Two: Did any teacher have significantly better results than the other teachers? If so, consider using the instructional strategy this teacher used in the planned intervention.

Step Three: Look at the students who didn't meet proficiency. If possible, create a hypothesis about why they may not have reached expectations. Is there a deficit in prerequisite skills? Are students concrete thinkers trying to learn an abstract concept? Do students need additional vocabulary instruction?

Step Four: Using the hypotheses about students, plan how to reteach the learning target. Decide how to group students so that those who were proficient get enrichment and those who weren't get extra time and support.

Step Five: If you don't have any new strategies to use to reteach the learning target, examine best practice literature to learn new instructional strategies.

Step Six: Determine which teachers will provide intervention to which students using which strategy.

Step Seven: Plan how you will reassess students at the end of the intervention.

Data Analysis Protocol for Common Assessments

Team:	Teacher:	Date:
The following analysis is bas essential learnings:	ed on our team's commo	on assessment of the following
Which of our students ne proficiency on an essential I		upport to achieve at or above vide that time and support?
2. What is our plan to enric proficient?	h and extend the learnir	g for students who are highly
3. What is an area with which teammates whose students		What strategies were used by
5. What is an area in which ou	r team's students struggle	d?
What do we believe is the cau	se?	
What is our plan for improving	the results?	

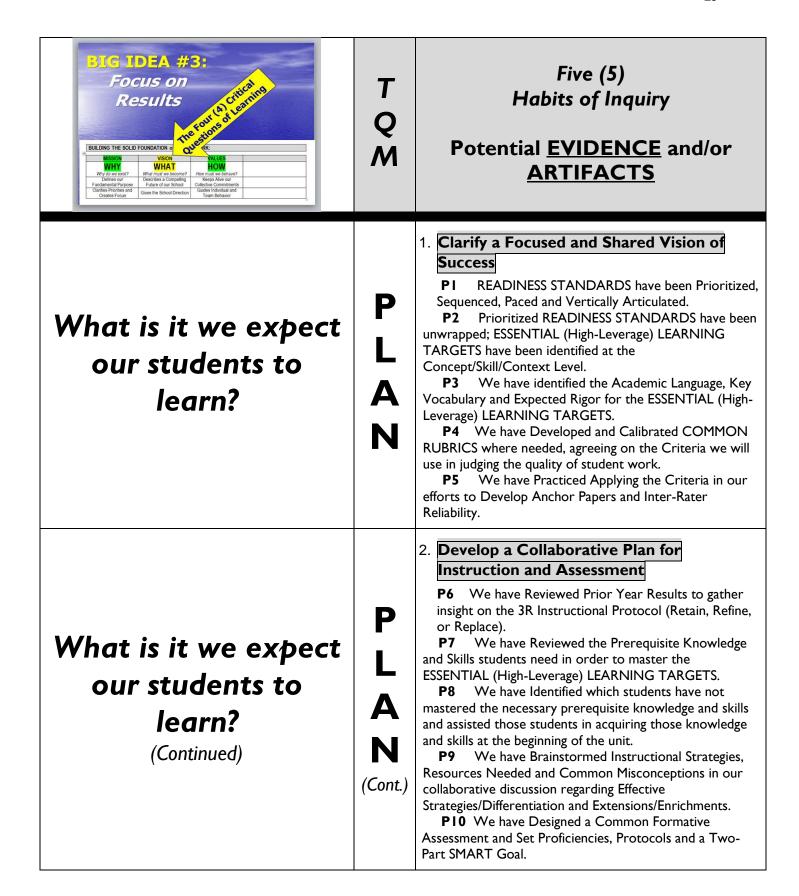
Questions to Guide the Work to Develop Systematic Interventions

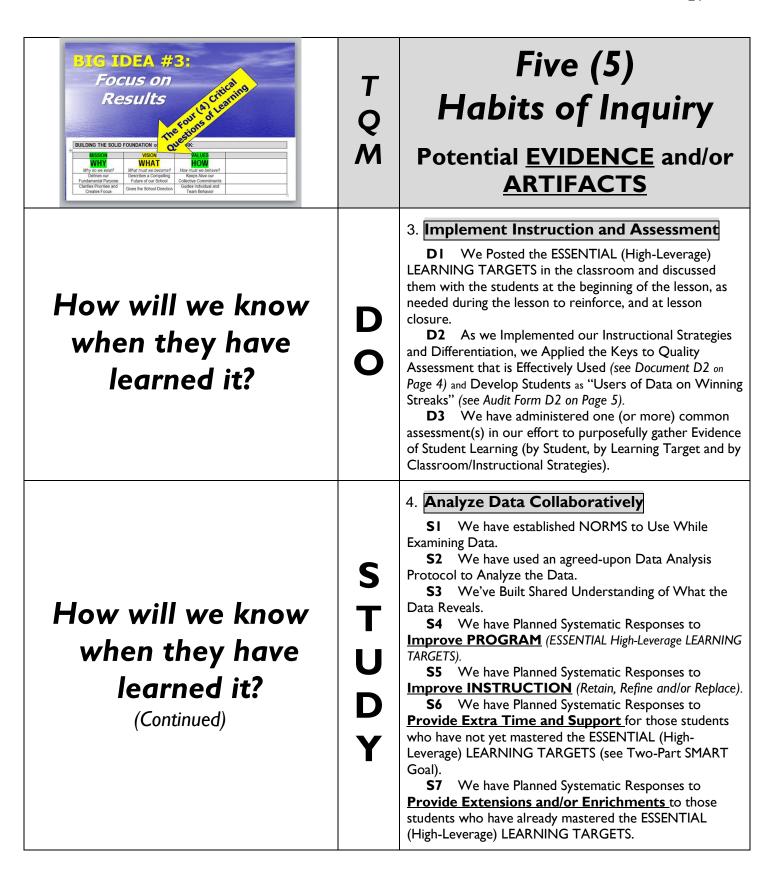
To develop systematic interventions that ensure students receive additional time and support for learning on a timely and directive basis, ask:

- 1. Which areas of student need should we address first?
- 2. How will we identify students who need additional time and support so that no student will slip through the cracks?
- 3. How often will we identify students so that they do not drop too far behind before receiving assistance?
- 4. How proactive are we? What steps do we take to identify the students who will need us most before they come to our school?
- 5. How will we determine which staff members will take the lead for each intervention?
- 6. How will we schedule time for each intervention so that identified students will not miss new essential instruction?
- 7. How will we ensure that targeted students attend their assigned intervention?
- 8. How will we monitor student progress and the effectiveness of our efforts?
- 9. How fluid is our system of interventions? Are students assigned to intervention for a fixed period of time, or can they move in and out of intervention based on evidence of their proficiency?
- 10. How can we use flexible time and targeted instruction to provide students with assistance in extending their learning?

Road Map: Benchmarking the Right Work









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Five (5) Habits of Inquiry

Potential <u>EVIDENCE</u> and/or **ARTIFACTS**

How will we respond when some students do not learn?

when some students

already know it?

How will we respond

5. Use Informed Team Action Planning

- **AI** We have ALIGNED Intervention Strategies that are Systematic, Targeted, Timely, Directive, Monitored, and Fluid.
- **A2** We have provided Extra Time and Support for those students who have not yet mastered the ESSENTIAL (High-Leverage) LEARNING TARGETS.
- **A3** We have Re-Assessed to confirm Mastery of those remaining ESSENTIAL (High-Leverage) LEARNING TARGETS not originally mastered.

5. Use Informed Team Action Planning

- **A4** We have provided Extensions and/or Enrichments to those students who have already mastered the ESSENTIAL (High-Leverage) LEARNING TARGETS.
- **A5** We have asked those students to Achieve/Produce an appropriate Outcome/Product.

Commit to EMBEDDED, SELF-DIRECTED PROFESSIONAL DEVELOPMENT