



Understanding Standards Based Instruction



Grade the 2 students below

STUDENT A

STUDENT B

Homework

Assessment

Homework

Assessment

98%

67%

82%

100%

100%

72%

95%

97%

*97%

75%

Not turned in

98%

100%

Quizzes

Not turned in

Quizzes

100%

80%

70%

93%

93%

95%

** this assignment was 2 days late*

● *10/10 extra credit points earned*

What is an A? What does an “A Student” look like?

Factors to consider:

- What is the grading scale?
- What is the grading criteria?
- What about the material that was not learned?
- What about homework?
- What about extra credit?
- What about the high fliers?
- What about the struggling student?
- What about projects or group work?
- What about participation?
- What about grade curves?

WHAT is Standards Based Instruction?



WHY Standards Based Instruction (SBI)?

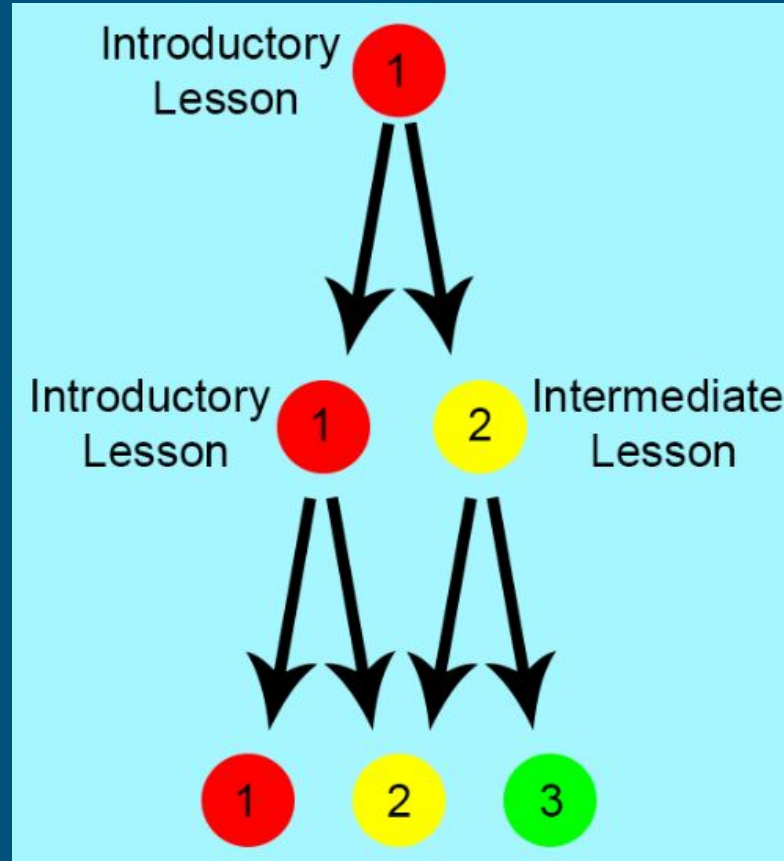
For Educators:

- Traditionally, teachers focus on teaching, the attempt to deliver knowledge
- In SBI, teachers also measure student learning to determine the effectiveness of instruction
- Breaks subject matter into smaller learning targets
 - Students have until the end of the course to master all learning targets
- Provides teachers with tangible evidence of any gaps in student learning
 - which then provides opportunities for differentiation
- Teachers track student progress, give appropriate feedback, and adapt instruction to students needs
- Prevents gaps and redundancies
- A more objective assessment of students' knowledge
- May also be known as SBG (grading)

WHY Standards Based Instruction (SBI)?

For Educators:

- Less whole-class instruction
- More collaboration, cooperative learning, small group instruction
- Differentiation - meeting students where they are



WHY Standards Based Instruction (SBI)?

Traditional Report Card

Class	Q1
Mathematics	95% = A

Standards-based Report Card

Class/Standards	Q1
Mathematics	3
I can define a number sentence	2
I can solve number sentences that have brackets	2
I can solve number sentences that have braces	3
I can create number patterns using two rules	3
I can estimate the answers of number sentences	2
I can find the sum of two 2-digit numbers	3
I can find the difference of two 2-digit numbers	2
I can find the product of two 2-digit numbers	2
I can find the quotient of two 2-digit numbers	3

WHY Standards Based Instruction (SBI)?

For Students:

- Receive meaningful feedback that accelerates their learning
 - Rubrics help give meaningful feedback
- Learning targets and rubrics help them see the path to success
- Leads to:
 - Higher engagement in learning
 - Self-assessment
 - Self-reflection
 - Self-direction
 - Higher ownership in learning
 - Higher responsibility in learning

Learning Target: I can multiply multi-digit numbers

4	I have multiplied multi-digit numbers using multiple strategies and can generate multi-digit multiplication equations from word problems
3	I have multiplied multi-digit numbers using strategies demonstrated by the teacher
2	I have multiplied a single-digit number with a multi-digit number. I have also multiplied multi-digit numbers with teacher or peer prompting
1	I have multiplied single digit numbers, but don't know how to approach multiplying multi-digit numbers

WHY Standards Based Instruction (SBI)?

For Students:

- Meets their current needs
- Level-appropriate work
- Less frustration because instruction matches current needs
- Motivation and mindset switches from “point chasing” or “grade getting” to achieving goals and working through content
- Focus on learning and mastery and motivation becomes intrinsic rather than extrinsic
- Grades improve with time rather than going down if and when mistakes are made
 - Little penalty for early mistakes
 - Creates an emotionally safe environment where students are encouraged to challenge themselves, make mistakes, learn, grow, and improve

WHY Standards Based Instruction (SBI)?

For Students:

- Ability to learn more and reassess if necessary - mastery celebrated when reached rather than focusing on the number of mistakes made along the way
- Helps students understand what they know and don't know
- Provides clarity for what a student is about to learn and be assessed on
- Gives students an opportunity to take more responsibility and ownership of their education

All of these things help teachers provide better instruction and students better opportunities for meaningful learning experiences

Common Misconceptions...

What It Is

- The standard drives the instruction
- Promotes Growth Mindset
- Clear expectations
- Drives the learning
- A way to better differentiate
- Meeting students where they are
- A motivator
- Improving instruction
- Improving student learning
- Opportunity to exercise 21st century skills
- Creating a safer and more positive learning environment

What It Isn't

- It is not an instructional format, teachers have the flexibility to teach the standard using multiple materials and resources
- Without important homework and practice
- Without deadlines
- Without whole class instruction
- Without student accountability and responsibility because of redos and reassessments
- Not just another grading scale - 1, 2, 3 and 4 is the same as A, B, C and D

How to create a rubric

STANDARD	EXCEEDING (4)	PROFICIENT (3)	DEVELOPING (2)	BEGINNING (1)
Standard is written here in “kid friendly” language.	Explain what a student could demonstrate, explain, or produce that would prove that their knowledge is beyond what is expected.	Explain what a student needs to demonstrate, explain, or produce to show that they are proficient.	Explain how learning is progressing but is not yet at proficient. Developing can sometimes be vocabulary knowledge or LOT.	Explain the beginning phase of content knowledge. This could be that a student is able to recognize the concept but is unable to take knowledge to the next level.

Link to Iowa Standards

<https://iowacore.gov/iowa-core/subject>

Sioux Center Middle School's Journey

- In 2013, the Middle School begin to look at the state's required standards
- Standards Based Instruction was introduced and launched by a handful of teachers
- Initial pushback - concerns of no letter grades, reassessments, homework that was not graded, end of extra credit
- Numerous opportunities to educate parents, students, staff
- 2016 full implementation of SBI
- Present - we are now taking SBI and using it launch us into high levels of differentiated and personalized instruction