

## RESOURCES FOR NEPF STANDARD 2



### KNOW THE STUDENT (BE AWARE OF LEARNER DIFFERENCES)

**Interest Inventories** - We don't always know what we want, let alone need. An interest survey can help a teacher figure out what his or her students are thinking, what they may want or even need, and how they can best be helped.

- [Student Interest Inventory](#)  
*Pinterest board showing interest inventories for all grade levels.*
- [NIU Interest Survey](#)  
*Items to use in creating a student interest inventory*

**Learning Styles** – The term “learning styles” speaks to the understanding that every student learns differently. An individual’s learning style refers to the preferential way in which the student absorbs, processes, comprehends and retains information.

- [Visual, Auditory, and Kinesthetic Learning Styles \(VAK\)](#)  
*Identifies the learning styles and gives teachers suggestions on how to address each group; includes a survey*
- [Learning Styles: All Students are Created Equally \(and Differently\)](#)  
*Describes VARK—adding “Read/Write”*

**Learning Styles Inventories** – Evaluate the way you prefer to learn or process information.

- [Education Planner: What’s your learning style?](#)  
*Scores immediately; 20 question inventory determines if you are a visual, auditory, kinesthetic or a combination and gives suggestions to improve your learning based on your style. VAK*
- [Learning Style Inventory](#)  
*Scores VAK after answering 24 questions.*
- [The VARK Questionnaire](#)  
*Scores VARK after answering 16 questions*

**Multiple Intelligences** – Howard Gardner of Harvard has identified distinct intelligences.

- [Howard Gardiner’s Theory of Multiple Intelligences](#)  
*Gardner’s early work in psychology and later in human cognition and human potential led to the development of the initial six intelligences. Today there are nine intelligences....*
- [Multiple Intelligences](#)  
*Identification and explanation of Gardner’s multiple intelligences*

**Multiple Intelligences Inventories**

- [Multiple Intelligences for Adult Literacy and Education: Assessment-Find Your Strengths](#)  
*56 questions, calculates your score in 8 intelligences; includes practice reference for more information on how to engage all intelligences*
- [Multiple Intelligences Inventory](#)  
*“A snapshot in time of an individual’s perceived MI preferences.” You score yourself in the nine intelligences.*
- [Edutopia: Multiple Intelligences Self-Assessment](#)  
*Twenty-four questions, calculates your levels in each of the 8 intelligences.*

## **Growth Mindset/ Inventory**

- [The Power of belief -- Mindset and Success](#)  
*TED video, Eduardo Briceño discusses the way we understand our intelligence and abilities impacts our success.(10:51)*
- [Mindset Assessment Profile Tool](#)  
*8-question survey to get a quick assessment of student's mindset. You score it.*
- [Mindset Quiz with Grid Scoring \(RPDP\)](#)  
*20 questions—you score it!*

## **CONNECTING STUDENT TO CONTENT (MATCH TASKS TO LEARNER'S NEED)**

### **CCSS 8 Mathematical Practices**

- [An Instructional Implementation Sequence for Attaining the CCSS Student Practices in Mathematics](#)
- [Instructional Implementation Sequence: Attaining the CCSS Mathematical Practices Engagement Strategies](#)  
*You need to download both documents. A matrix is offered as a way to consider and gauge students' progress for each of the practices. The sequenced strategies are from Hull, Balka, and Harbin Miles (2011).*
- [Common Core Tools: 8 Standards for Mathematical Practice](#)  
*A graphic shows some higher-order structure for the eight Standards for Mathematical Practice.*
- [Kid Friendly Mathematical Practices Posters](#)  
*Each practice is rewritten in kid friendly terms and turned into posters.*
- [Jordan School District Math Practices](#)  
*Jordan School District 2011, Grade 6 colorful and kid friendly math practices*

### **Centers and Stations**

- [Algebra 1 Station Activities](#)  
*Station activities correlated to CCSS*
- [Teaching Channel: Using Stations to Explore Algebra Expressions](#)  
*Video and lesson plan for looking at simple expressions*
- [Regents Prep: Using Work Stations](#)  
*Provides one complete set of work station pages (in .pdf format) developed for a unit on simple algebraic equation solving practice.*
- [Pinterest: Middle School Math Station Ideas](#)  
*Board that shows ideas for stations, which will lead you to more sites*

### **Internet Resources**

- [CCSS Math](#)  
*Go to this site to find internet resources catalogued by CCSS number. The site is run by a fulltime high school math teacher in Georgia "with a passion for technology and a desire to make a difference in as many lives as I can!" He states that this site will remain free to the public. Includes references to Khan Academy and Learn Zillion.*

### **Using Movement**

- [Whole Brain Teaching: HS Math](#)  
*This video shows how a teacher uses movement in her Algebra class to teach slope. Warning: be careful when students are "mirroring" each other—could cause a problem with positive/negative slope!*

## SPECIFIC TASKS

### MENUS/Choice Boards/Tic-Tac-Toe

- [Alternate Activity Menus for Math \(Grade 6\)](#)  
*Gives specific activities to help differentiate instruction in the regular classroom*
- [Alternate Activity Menus for Math \(Grade 7\)](#)  
*Gives specific activities to help differentiate instruction in the regular classroom*
- [Dare to Differentiate: Choice Boards](#)  
*Choice Boards (Tic-Tac-Toe Menus, Think-Tac-Toes, Learning Menus, Extension Menus); includes templates, powerpoints, Teaching Channel videos, and samples*
- [Dare to Differentiate: Templates](#)  
*Templates for Tic-Tac-Toe boards, choice boards, dinner menus, menu planners and extensions*
- [Pinterest: Differentiated Instruction](#)  
*Lots of choice board examples*

### Cubing

- [Dare to Differentiate: Cubing and Think Dots](#)  
*Directions for creating Cubing and Think Dots activities; includes math examples*

### Graphic Organizers

- [Google Images: Graphic Organizers for Math](#)  
*Sample graphic organizers for math*
- [Totally Free INB Resources](#)  
*Scroll down the page to see sample graphic organizers and foldables for math*

### Jigsaws

- [Literacy Strategies for the Math Classroom](#)  
*Describes the strategy; sample plan given for learning about transformations and symmetry*
- [Teaching Channel: Collaborate to Solve Compound Inequalities](#)  
*Video (4:50); includes lesson plan*

### Math Rubrics

- [Teachnology: Math Rubrics Makers](#)  
*You fill in the information and a rubric is created for you. Nine rubric styles from which to choose.*
- [Rubistar: Create Rubrics for your Project-Based Learning Activities](#)  
*Customize or create your own rubric*

### R.A.F.T.

- [RPDP Literacy Connects: Let's Get Them Writing—R.A.F.T.](#)  
*Explanation of R.A.F.T.*
- [Dare to Differentiate: R.A.F.T. Assignments](#)  
*Includes powerpoint, template, examples*

### Tiered Assignments

- [Dare to Differentiate: Tiering](#)  
*Includes description, video, powerpoint, planning template*
- [Challenge by Choice with Tiered Instruction and Assessment](#)  
*Explanation of tiered instruction and assessment, classroom videos, subject /grade specific examples with materials, etc.*

## OPEN-ENDED QUESTIONS

- [Creating Open-Ended Questions](#)

*Although you will not have access to the open-ended questions on this website, you will have access to the samples. There are times when you will want or need to create your own open-ended questions. One way to create new items is to change closed-ended questions into open-ended ones. In the examples shown, note how the revised questions are more conceptually oriented and require students to communicate their thinking processes.*