

**Technology Driven Differentiated Instruction**  
Notes Sheet

**Prerequisites: Before We Can Start Teaching We Must Start Reaching**

Teacher Pain Point: How Do We Reach Every Child?

Answer: \_\_\_\_\_

Parent Pain Point: Do My Child's Teachers Care?

Answer: \_\_\_\_\_

Reflection Point: What is Your Personal Pain Point?

Student Pain Point: Does Anyone Care that I am Here?

Answer It starts with knowing a child's \_\_\_\_\_.

Admin Pain Point: Will relationships Really Improve Learning?

What the research says:

John Hattie's Relative Influences on Learning (2009)

Student/ Teacher Social Interactions is number \_\_\_\_\_.

Student/ Teacher Academic Interactions is number \_\_\_\_\_.

John Hattie's Relative Influences 2015 Update

Teacher Credibility is number \_\_\_\_\_.

The 4 aspects of teacher credibility are:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

TEACHER Pain Point: How do I differentiate without losing my \_\_\_\_\_?

Classroom Management

Teacher uses questioning/ recitation strategies that maintain active student \_\_\_\_\_.

Wang, Haertel, Walberg, 1997 "**What Helps Students Learn? Spotlight on Student Success**" <http://files.eric.ed.gov/fulltext/ED461694.pdf>

Practice doesn't make perfect, it makes \_\_\_\_\_.

Essential Procedures:

Entering the Room

Exiting the room

Paperflow

Being Excused from the Room

Essential Positions for Teaching and Interacting

Reflection Point: If I was recorded each day as I entered the classroom, what would the world see?

Big Secret to differentiating instruction: Have good \_\_\_\_\_ procedures so you have the time (and energy) to differentiate!

SCHOOL PAIN POINT: How can we justify expensive technology?

Every student learns \_\_\_\_\_.

Deliver using \_\_\_\_\_.

## STEP 1: Create Your Classroom Framework

What we will learn:

About the framework in Vicki's classroom. I will include the "pain points" and solutions along the journey.

Write down your own framework of tools as we go

A model to select tools that are easy to use in differentiated instruction.

Practical examples of what differentiation looks like.

TEACHER PAIN POINT: I am so busy, how do I find time to do new things with my students?

Kaizen

Select \_\_\_\_ things and work on those.

Answer: Build a \_\_\_\_\_ and add \_\_\_\_ or \_\_\_\_\_ new tools each \_\_\_\_\_.

My Toolkit (*take notes below on items that interest you*)

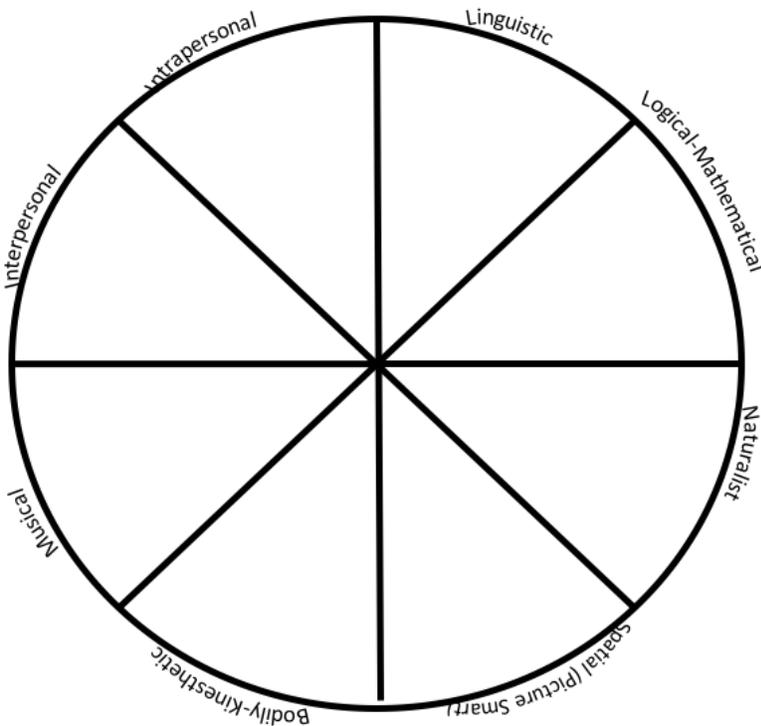
Pain Points	The solution I found
Students type in IM speak and act like they do on social networks in academic spaces?	
How can I proof and give feedback on all this online work?	
Students type slowly even after instruction. Some students (especially those with LD's) just can't keep up.	
Some students don't take ownership.	
How do I make sure students know how to behave online? (How do I keep from losing my job over a learner doing something dumb?)	
How can the class have a website that we all maintain?	
How can the class have a website we all maintain?	
How can students remember what they need to do?	
How can I help students be transliterate in multiple media?	
How can I help learners care about writing well?	
How can I teach learners to collaborative with and understand kids in other places?	
How can I engage all of my students? (even some of my gamers who don't seem to like anything)	

How can I easily send links or information to student mobile phones or tablets?	
How can we easily share files, movies and others things as a class?	
How can I teach computer coding without it being so hard?	
How can I help learners develop empathy for others in difficult situations?	
How can I know what learners know before they have to take a test?	
How can every student learn at their own pace? How can I teach complex software without having to repeat myself? ( <i>How can I clone myself?</i> )	
How can I easily make videos for students? How can I quickly remake a video if one small thing has changed on a slide?	
Student pain point: What am I supposed to be doing in the online classroom?	
Where am I supposed to turn in my work?	
How can we make mobile apps as easily as possible?	
How can we feel all this work is WORTH IT?	

REFLECTION POINT: Identify 2-3 pain points you experienced in your classroom recently:

**STEP 2: Use Learning Styles to Select Tools for Your Toolkit**

Whether you agree with learning styles or not. Learning styles can help you \_\_\_\_\_ tools that can be used in diverse ways to \_\_\_\_\_ all learners.  
The learning style "pie planning tool."



**STEP 3: Use a learner’s interests to excite them about what they’re learning.**

Examples of Student Interests (check those you’ve already used before)

Hobbies	Music	Theater	Sports
Poetry	Arts	Public Speaking	Reading
Academics	_____	_____	_____

Personal Interest Projects – build a large project around their interests

Make the whole classroom a \_\_\_\_\_. Become a \_\_\_\_\_ master.

**STEP 4: Reach students at different readiness levels.**

Readiness Level	Time with Student	Rubrics	Position
Not quite ready	Spend one on one time daily	Talk through rubrics and check off together	Sit beside

Ready	Over the shoulder and verbal reporting to teacher (look at rubrics)	Self track rubrics but show to teacher at checkpoints	Over the shoulder and verbal contact each day
More than Ready	Empower them as mentors for other students by teaching them "cool stuff"	Self track rubrics. Give them things to move past the minimum requirements	Engage in teaching them micro-lessons with cool things to help them go further.

**STEP 5: Teach Different Types of Content in Ways that Reach All Learners**

Facts/ Dates/ Timelines / Definitions

Details or a significant individual

Events

**STEP 6: Create a supportive learning environment for all learners.**

Albert Einstein, "I never \_\_\_\_\_ my pupils, I only provide the \_\_\_\_\_ in which they can learn."

How to help teachers support one another when learning about new technology:

Have a \_\_\_\_\_ base.

Every student should have their own \_\_\_\_\_.

**STEP 7: Create a clear process of expectations and forward momentum.**

Feedback is important.

Empower students to direct their own learning.

**What is the administrator's role?**