

Planning Differentiated Instruction

Learning in the 21st Century

As you watch the video think about:



Affirms your prior knowledge



Surprises you



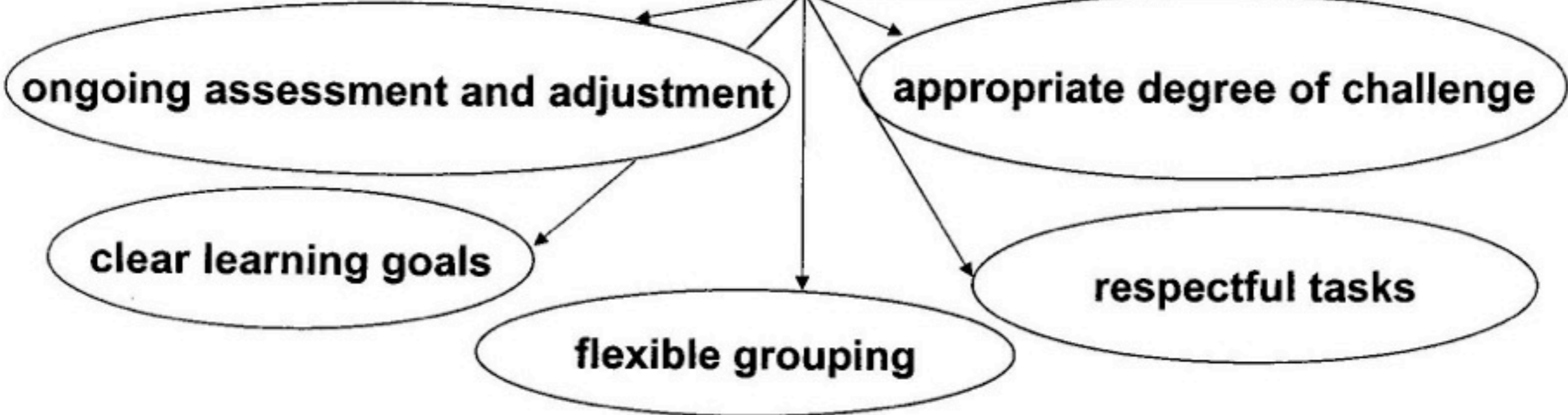
Connections you are making



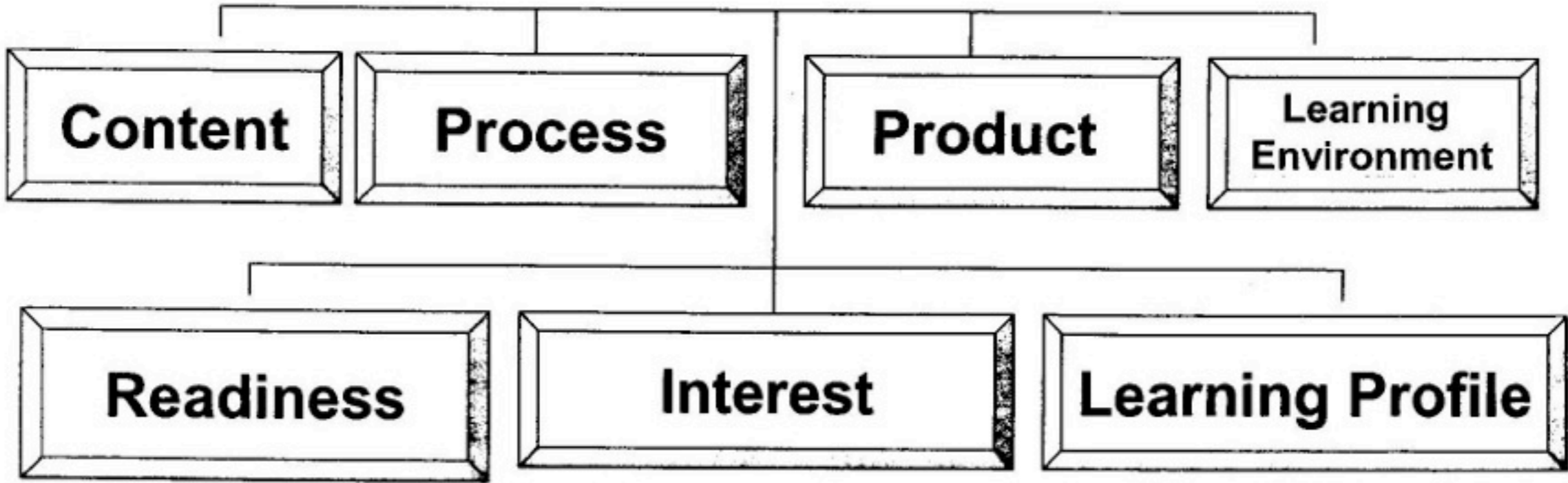
Things that you question or do not agree with

Differentiated Instruction
is
a teacher's response to learner's needs

guided by general **principles** of differentiation,
such as



Teachers can differentiate



Carol A Tomlinson

Different Learners

Reflecting on our animal school, we know that there are different types of learners within our classrooms.

- ✦ Academic Learner
- ✦ Perfectionist Learner
- ✦ Creative learner
- ✦ Struggling Learner
- ✦ Invisible Learner
- ✦ High Energy Student

21st Century Learner and the 4 C's

- ✦ Collaboration
- ✦ Communication
- ✦ Critical Thinking and Problem Solving
- ✦ Creating, Innovating, (Authentic learning tasks)

What Can Be Differentiated

- ✦ **The Learning Environment:** the way a classroom feels and functions
- ✦ **Content:** What we teach and how we give students access to information
- ✦ **Process:** How students come to understand the content
- ✦ **Product:** How a student demonstrates what he or she has learned

How to differentiate the learning environment

- ✦ Respectful tasks
- ✦ Flexible groupings
- ✦ Flexible work space
- ✦ Individual learning goals
- ✦ Tools and toys (i.e. devices, massage ball etc.)

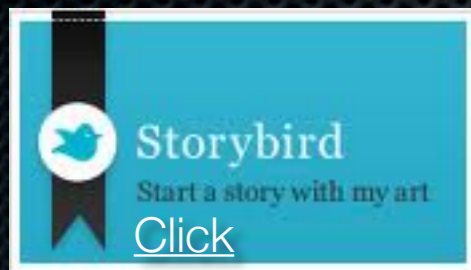
How to Differentiate the Content

- ✦ Beginning with the curriculum Expectations
- ✦ Assess what the child already knows and what the child can do
 - ✦ This can range from informal formative assessments to formalized assessments of students understanding
- ✦ Teach by theme to allow cross curricular connections

How to differentiate process

- ✦ The focus is on the “how” of instruction
- ✦ **Process:** means adjusting instructional approaches to match the needs of the students using high yield strategies (Gradual Release of Responsibility, Oral Language and Social Interaction as Scaffolds for Learning, Consider Learning Styles/Preferences)
- ✦ Vygotsky - Zone of Proximal Development
- ✦ Eric Jensen - Brain Growth: Challenge and Feedback

Uses of Technology to Assist in Differentiating the Process



brinder · brinder · Dec 9, 2011

hello my name is brinder shergill and i am a student from loughheed middle school, in grade 8. my class had a trip to breamlea city center, to one of your stores coles, your store was amazing, it was very clean and organized, there was a lot of respect by the workers at the store and they were very thoughtful too.there were a lot of enjoyable books.i was looking for multicultural books in your store.i had a excellent trip and it was very fun.

my class from loughheed middle school had a fabulous trip to your store.we went to your store coles, it was an fantastic store , it had alot of books to choose from and it was very clean. i found many varieties of books that i like to read for example:comics and featured books i love to read them.

i am brinder shergill, i am 13 years old from loughheed middle school. i am in mrs.forbes class in grade 8.i dont like to go to the library because you can only sign out your books for a few weeks,but in stores like coles you can buy them and keep them for ever and thats why i enjoy reading sometimes.i am into sports , my top three sports are hockey,basketball and football my top three sports.i some times like reading books when i am in the mood because i am mostly trying to be active,but when ever i get the time i will read a book.

your store coles is a great book store and it is one of the best ones.I have been other book stores but there mostly messed up,all the books are in a different sections are not neat.your store was clean and very organized .The books had there own sections which they belong in and there were bunch of sections.there were books from other countries which were really interesting and everyone enjoys them.i enjoy lots of books like action and multicultural books.

your store is a great store but it can be missing some books.when i had the first step in the store i felt that it would be fine day or a fine trip to the store.There was a lot of books to choose from but i didnt find as equal amount of multicultural books. multicuture books are good selctions of books to choose from because you can learn a lot about other cultures,you can relate back to others in the same words and can feel connected with others and feel the same way as they do.

The only thing that i want to say to you is that to get more multicuture books and books that affect us in the community doesnt complant about not having books that we need.most kids that are in my class enjoy reading multicuture books and i do it.i will be waiting for a response from you my emal is brinder_88@hotmail.com.

Comment [M1]: Brinder, this is a good opening. However, you are missing 7 capital letters. Remember proper names of people and places, as well as the start of a sentence require capital letters. For instance, Loughheed Middle School. Can you spot the other missing capitals in this letter. Especially the one at the start of a sentence. And remember I is the name I call myself so it needs to be capital – not a small i

Comment [M2]: Spelling and capital

Comment [M3]: When you see a red, green or blue squiggly line under your writing, it means there is a mistake. If you right click on it, it will give you suggestions to correct it. Please do not ignore them when they come up, as it is an excellent tool to help you correct your work. Find all the squgly lines in this letter, right click them and make the necessary corrections. I have highlighted a few to get you started.

Comment [M4]: This paragraph is very similar to the first paragraph. You can delete this paragraph. But if there is anything in it that is not in the first paragraph, just copy and paste it into the first paragraph.

Comment [M5]: You have already told us this so you can delete this line.

Comment [M6]: One word - forever

Comment [M7]: This should be part of a new paragraph and you should first thank her for taking the time to read your letter in that paragraph and then ask her to respond to you, as you have done here.

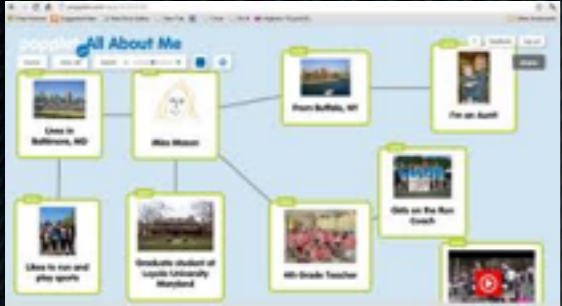


Scratch Programming App

How to differentiate Product

- ✦ Offering a variety of ways to represent knowledge and skills
- ✦ Howard Gardner: Multiple Intelligences (Consider your students multiple intelligences)
- ✦ Robert Sternberg: Successful Intelligence (Analytic/Critical Thinking, Creative, Practical/Authentic Tasks)

Uses of Technology to Differentiate Product



Scratch Programming App



infogr.am



Technology and Multiple Intelligences



Tina Zita and her useful technology links

Tina Zita is a Technology Resource Teacher in PDSB who has done an excellent job connecting us to technology resources available to use. Below are a number of online web 2.0 tools, apps and more that you can use in the classroom. Tina often shares information about technology that is out there using one of the many tools she is providing instruction on. Take a look below, try them out - its a GOLD MINE!

[Tina Zita's Smore](#). A smore is an online flyer that you can publish instantly. This flyer/smore, has a link to 14 smores that share great tools and ideas.

[Pinterest](#) is a tool for collecting and organizing things you love. Here, Tina has used it to share 16 different topics including, The 21st Century Learner, Ideas for the Classroom, Digital Citizenship, The Flipped Classroom, Creating Apps and more!

[Story Telling Apps](#)

[Storify](#)

[Device Neutral Assignments](#)

[Haiku Deck](#): A great tool for making presentations, but forces students to keep it simple and be concise. great for the visual learner to express their understanding. This Haiku Deck is on PDSB's BYOD Challenge

Let's here from our kids

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Things that you question or do not agree with

Differentiated Learning:

Read, Write Think: online letter writing graphic organizer

Using Technology Effectively for Editing

Writing workshops based on Formative Assessment

Thematic Learning and Authentic Learning Task

Support for Variety of Learners

hello my name is brinder shergill and i am a student from lougheed middle school, in grade 8. my class had a trip to breamlea city center, to one of your stores coles, your store was amazing, it was very clean and organized, there was a lot of respect by the workers at the store and they were very thoughtful too.there were a lot of enjoyable books.i was looking for multicultural books in your store.i had a excellent trip and it was very fun.

my class from lougheed middle school had a fabulous trip to your store.we went to your store coles, it was an fantastic store , it had alot of books to choose from and it was very clean. i found many varieties of books that i like to read for example:comics and featured books i love to read them.

i am brinder shergill, i am 13 years old from lougheed middle school. i am in mrs.forbes class in grade 8.i dont like to go to the library because you can only sign out your books for a few weeks,but in stores like coles you can buy them and keep them for ever and thats why i enjoy reading sometimes.i am into sports , my top three sports are hockey,basketball and football my top three sports.i some times like reading books when i am in the mood because i am mostly trying to be active,but when ever i get the time i will read a book.

your store coles is a great book store and it is one of the best ones.I have been other book stores but there mostly messed up,all the books are in a different sections are not neat.your store was clean and very organized .The books had there own sections which they belong in and there were bunch of sections.there were books from other countries which were really interesting and everyone enjoys them.i enjoy lots of books like action and multicultural books.

your store is a great store but it can be missing some books.when i had the first step in the store i felt that it would be fine day or a fine trip to the store.There was a lot of books to choose from but i didnt find as equal amount of multicultural books. multicuture books are good selctions of books to choose from because you can learn a lot about other cultures,you can relate back to others in the same words and can feel connected with others and feel the same way as they do.

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Descriptive Feedback:

Students went through several drafts of the letter, and writing workshops were informed by Formative Assessment, students also had an opportunity to provide peer feedback and engage in self-reflection.

Authentic Persuasive Writing Task:

Students were writing to the Vice President of Indigo, following a class trip to Chapters, requesting more books on the store shelves in their community reflect themselves.



Case Studies - Now you Try!

Differentiation doesn't suggest that a teacher can be all things to all individuals all the time. It does however, mandate that a teacher create a reasonable range of approaches to learning much of the time, so that most students find learning a fit much of the time, (**Tomlinson, 2005**)