

**QUESTION: If you could design the Ultimate Math class, what would that look like? What would you do differently if you were the teacher/designer?**

well if some students are good in one unit i will let them like teach the rest of the students the unit while i will correct them if they get some parts wrong .. and i will also be marking their communication

There would be different tools for each type of learner. (technology, manipulates etc.) students would be assigned practice questions in class after a lesson, that way students can ask questions during school and be able to complete homework in the evenings

There would be math for different learning styles and a device that would help anyone with a math question

The walls and the floors would be covered with formulas 3 dimensional and 2 dimensional shapes. Last but not least use algebra tiles for decorations.

The ultimate math class would look amazing it would be huge and it would be super helpful with all explanations simplified and if I were the teacher I would try to be like my grade 8 teacher because she made math easy

The ultimate math class would be no homework

The ultimate math class that I would design would have kids working in the level they and their parents believe they're in (so advanced, standard, or below) we would use technology such as tablets and such but also use manipulatives to work. We would go by the text book as per the units and lessons but use different techniques to learn it.

The teacher would be robot and he would have electronic hats that would transfer all the math that is needed for the day. That way math class will be 1 minutes :)

The students would be able to work with the teacher individual until they could understand the concepts

The students would be able to use their phone as a calculator, only if one wasn't available.

The math class that i am currently in is the ultimate class if only we had a group ipad so we could all research as a group

The desks would be for groups of 4. Out of the four students that sat together, each pair(2 students) would be friends and the other two would be as well. This way students know one person really well and can comfortably ask them questions and the other two students that they don't know, they can get to know and learn how to collaborate with different people.

The class would have computers for everyone, and if I were the teacher I would focus on visual, auditory and kinaesthetic skills because they are all equally important

the best math class would consist of a tablet/laptop for every student

Teacher will help students more for them to understand

teach everything on the smart board for visual learners and explain and do hands on at the same time

Something that puts all math information in our heads and we know it for the rest of our lives

Provide my class with metaphors of the situation, to make it relatable to life

Nothing really but If a few students did not understand a topic I would help them with it at lunch, because usually when teachers have unit test and majority of the class passes. The teacher goes onto another unit , leaving those other students behind.

nothing actually, i like how teachers put up some posters related to the math and helps most of the time but if i was a designer i would probably put the bored up somewhere where everyone can see and dont hurt their necks.

Nothing

No work no tests just sit and watch

My Ultimate Math class would have different resources so that however people learn, they can express it in there own way using tablets, computers, calculators, linking cubes, etc.

My Ultimate Math Class would have all the updated technology in it and all the materials I need to answer any possible math question that has to do with algebra, patterns, orders of operations, geometry and so on.

My Ultimate Math class would be one where no one is left behind and everyone has the resources needed to succeed. Instead of large tables, my ideal math class would be made up of groups consisting of 4-5 desks as this will not only the give students the ability to worker better in a smaller group, as they are not spaced out but rather in a closer vicinity to each other, this setup would give the feel of a elementary classroom, bringing not only the students a more comfortable and well known setting, it will also allow them the ability to store their belongings in their desks, thus not only taking away the extra space needed on table tops for each individual student, but giving them their own little space to work with the most room possible. With each student having their own area to work in, they would also be sitting in assigned seats to be changed often, as this

would result in the students working with everyone in their class, not only having them get to know one another better but at the same time having them work with many different types of people, all while having resources such as manipulatives, wifi (to search up homework online or to receive help for in class work, while truly shifting the classroom into the 21st century), formula cheat sheets, and a teacher passionately willing to help any of his or her students. Thus with all these things any student would be able to achieve their very best in math class, along with gaining new work experience and friendships.

My math class would be of students who actually want to learn and before moving on I would ask if everyone knows for example how I got the answer in the example we did

My class would have comfortable chairs, desks, a smart board, papers on the wall that would show different formulas to help the students remember, computers, tablets, calculators for students who prefer a calculator rather a tablet, regular school supplies(ruler, eraser, pencils, pens etc.) Lastly I would have many different manipulatives for the student to use. If I was the teacher I would do nothing different!!

My class would have all materials needed, many posters and charts all over the room to help students remember certain things, and helpers to help out students and to get to them quicker. Also having to do with the comfort level of some students.

more technology

More fun cause kids learn better with fun

Maybe more class discussions because it opens up to the student how other people do things differently, other than that, I wouldn't change anything in Mr. Attanasio's class

Math formulas all over the room ,

Math everywhere

math everywhere

Math class is just fine to me as it is, although since technology is all around us nowadays it would be cool if they added some technology to spice it up. An example is like using Ipads etc. Also I would do a competition between groups after every unit or chapter for fun to see if they learned something and remembered what they learned. An example is a "family feud" style competition.

Make math more fun, and attend everyone's needs

Let students do alot on technology, Also i would give less homework because that stresses kids sometimes and they may mess up.

Less homework, more in-class work. Instead of doing pages of 8 questions for homework do like 3 in class and make sure everyone gets it

Just answering number problems

just a little bit of everything that helps a math class thrive

It'd be fun & the kids would all enjoy math class because they aren't feeling dumb just because they can't do something

it would look like a regular math room

It would look like a normal classroom.

It would have math stuff in the class

It would have all the materials in my classroom, I would teach them slowly but with more explanation to make it more simple

It would be where everything is high tech and we do math equations only. None of that 'explain your answer' stuff.

It would be a very fun class where most of the work is done online

It be full of technology and electronics

iPad and learn while listening to the teacher

In my opinion, I don't like working in groups where we have to solve real life problems (that gumball in jar question) , I like getting questions that need formulas on a sheet of paper so I would teach my students that way.

In my math class, I would have notes and formulas up on the walls, so if anyone is stuck they can look on the wall. I would have all the materials anyone needs them if they are finding it difficult since some students learn differently.

if i were the teacher i would do activities that relate to the topic because it helps people understand the concept more when they have to use it in games

If I were a math teacher I would try to incorporate more technology (e.g. tablets, iPads, laptops) to help student better understand math concepts and make the learning experience more enjoyable.

If I was the teacher or designer what I would allow use of Ipads because Math problems need to be understood not memorized which can be through the use of Ipads. Computers will not be much efficient in Math class due to the space it takes up. With my previous experience, Ipads load quicker as well.

If I was designing the Ultimate Math class, I would put everyone at separate desks for independent work, but would include a larger table for students to go for help if they are having difficulty with a lesson. This way, people who are more independent can work alone, and people who are more interdependent can work with other students.

If I was a math teacher , what I would do is , have more assignments hands on

If I could design the ultimate math classroom I would use a lot of advanced technology as well as manipulative to help the students get a more hands on experience. I would always ask if there was misunderstandings in the homework and make sure students understand the materials before I would move on with the lessons.

If I could design the Ultimate Math class, it would look like a fun class. We would get to use any kind of devices. The students would have the chance to do many activities with each other. If I was the teacher/designer, I would make the classroom very colourful so that the students will stay awake.

If I could design the ultimate math class, it would have the materials you need to do your work successfully because everyone student has their own way of learning. Also if you needed help & students can form a group to help each other

If I could design the ultimate Math class, I would make it a place where students would be allowed to ask me questions they are confused about or think they need more explanation before I even teach them what they need to learn. I would also ensure the fact that I teach my students the basic concepts thoroughly before I question them or give them any homework that relates to the syllabus I taught that day. I would also make tests be multiple choice on a computer software application and be sure to give them their percentages and averages on each test.

If I could design the Ultimate Math Class, I would have a box at each table, where students can add any question in or ask anything. Usually, some students do not ask questions in front of the whole class as they are too shy or scared the question is irrelevant. If there is a question box which is checked everyday and the questions are taken up the next day, children will get their answer and keep moving on being clueless about the previous lesson.

If I could design the Ultimate Math class I would definitely make it colourful, make sure the walls are filled with math genius's and math equations. If I was a teacher I would make sure I was into what I was teaching the students because I find that when the teacher is into the lesson so are the students. So by doing this I would move around the class, use objects and examples for them to pay attention.

If I could design the Math Class, I would make sure that everyone has enough space for themselves in the room. I would also paint the room green so it can make people feel relaxed, or I would paint it some other

colour that can stimulate brain cells, and visuals that do the same thing.

If I could design a math class, people would be put in classes based on their grades. This would be useful so that everyone is together based on grades and they all have the same skill level, so that no one is working harder than others and the class could move faster.

If I can design a ultimate math class, the math class would have charts on the wall with formulas and some posters that have tips on solving problems.

Idk everyone having ipads

I'm not really sure because people have different opinions of what a Ultimate Math class is. But for me it would have to be filled with easy to understand but important information and would have to look like it is fun filled so that the students would like it better than thinking that math is boring and difficult to do.

I'm more of a kinesthetic learner, so my Ultimate Math class would have learning manipulatives and iPads/iPhones/Calculators available for using. Also the teacher would try to explain everything at a medium pace and include examples.

I'd try to make math a fun experience for everyone and try to make math problems that relate to problems that occur in reality. Also I'd encourage my students to do their work. I would use electronic devices in math class. Because students nowadays have technology apart of their life

I'd like it if I get my lesson and them get work to do by my self

I'd input more games to make it funnier while still doing work

I wouldn't really put up so many posters related to math because some people just don't like the feeling of math class.

I wouldn't really do anything differently I mean this is academic math meaning you are able to do stuff independently, able to learn things easily. With help from a supporting teacher.

I wouldn't really do anything differently because I prefer the way my teachers teach now

I wouldn't do anything differently.

I would want the teacher to teach the lesson and then give students a chance to solve a problem that requires the same knowledge with a small group. The students would use chart paper to show their work and solve the problem and then go around looking at how their classmates solved the problem, because i was taught that there is always more than one way to solve a math problem. This way, students could learn from the

teacher as well as from their peers.

I would want more than one teacher so more people can get help if they don't understand

I would use technology and try to make math fun

I would use lots of technology and show the students how math is used in real life

I would try to incorporate as much technology into math as possible and hands on

I would try to get the students as involved as possible and try to explore all the different types of the students learning styles.

I would try to connect math to real world problems, but not by making it boring.

I would teach my student by using Cubes & tiles

I would teach more using pictures and numbers

I would teach math in a fun way so people that are bored won't be and wanna be like they're waiting to go to math class

I would take my time more and go through most questions before giving them time to work alone since you have more time to work in high school

I would set up tablets for every one and if I say they can use it, they may only be accessed to apps specifically for math and if they're finished they can have free time to go on games or listen to music.

I would put more technology in the rooms

I would put a Smart Board right next to my desk as the teacher. So the desk would go right where it already is in Mr. D'Andrea's class and also the board would go right where it is too. Everything is basically the same, though I would design another door at the back of the class leading to an iPad lab for researching and getting online help with math.

I would put a lot of charts around, covering the classroom with helpful advice on them. That way students can just look for the chart required to aid them in learning. (This also helps with students who were absent).

i would probably set up a table for people that doesn't quite know math and then help them, while the others that get math do work

I would one by one work with each student and make sure they understand what is happening in math class

I would make sure there are phones and computers for people to use and I would make sure there are tiles and other materials that some physical teachers could use and charts .

I would make sure that each student was comfortable in the class. If one person was behind then I would make sure they would be up to speed.

I would make sure every student would leave the year with a full understanding of the subject.

I would make students do a lot of brain teasers and will ask them a lot of logical questions, i think by doing this i will be able to develop their interest in maths

i would make math fun because when math is fun it is easier to learn and also to remember. for example; math games: around the world, math bingo etc.

I would make math easier and more fun for students also have resources on all the walls

I would make math a lot more interesting, make the lesson more hands on. My ultimate math class would look very organized and fun' so when students come to class they are entertained and not bored

i would make it much more adventurous by taking classes to field trips and using math that can be interactive.

I would make it like super easy so like you don't have to actually learn and stuff but the information is put into your brain

I would make it a little more fast pace. Ex) the teacher should ask if everyone understands and then move on instead of reteaching and keep on explaining over and over, because it gets boring and repetitive.

I would make everything now a days on an iPad or computer since it is such a useful and powerful tool that can help everyone learn math no matter what their learning style is

I would make everyone be able to choose what materials to use to learn, and whether to work by yourself or with others in order to solve the math work. Everything else is fine with me!

i would just really try besr - making sure every student was understanding the lesson, and being the best they could be.

I would involve more things such as iPad etc , and video lessons

I would integrate technology and keep the writing on paper to an absolute minimum.

I would have unique ways of teaching the class math. Like having technology throughout the room and making learning fun by adding activities

I would have the all the tools the students need to learn math best with. If I were the the teacher I would try to make math class easy and fun for the students.



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| I would have shorter classes  |
| I would have paintings on the wall and I would have computers and tablets than textbooks. I would be easy on them   |
| I would have more hands on activities   |
| I would have massage chairs so when were sitting down we wouldn't be sitting on hard chairs. I would have i pads and computers to help out with the math and thats it.  |
| I would have many manipulatives at different tables so the students can go to the table with the manipulatives that would help solve their problem  |
| I would have iPads and smart boards,I feel like this would be a great way to learn, especially for visual learners  |
| I would have group work, I would present real-life scenarios in math problems, and I will give exercises to the class to practice on different formulas we would learn about.   |
| I would have every student have their own personal teacher so that no student gets left out. Every student would have an iPad to search math related things.  |
| I would have different rooms all together for different units with different instruments to use.  |
| I would have devices for students to use. Have stations in class to use devices and paper and pencil. I would have 2 math teachers one to do lesson other to help or answer questions. In the math class i would have all type of math tools.   |
| I would have devices and materials that you could use and make it fun but challenging   |
| I would have a teacher, with a fun yet smart personality and work in small groups to interact with each other and bounce ideas and opinions off of each other instead of with the teacher. I would also show more examples using the smart board or other devices. Also I would use devices/technology (iPads,iPods,computers...) to play games that relate to the unit. Therefore, having the Ultimate Math class would be amazing for this school/schoolboard |
| I would have a smart board so I am able to write and a lot of formulas on the walls so they can get an understanding without constantly asking a teacher.   |
| I would give little math work and always explain things   |
| I would give examples to my students and try to make it easier because math is not something everyone is good at.   |
| I would give children an iPad but I would lock certain sites such as  |

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| YouTube and so on because that is a typical site that kids go on   |
| I would first take a diagnostic and see who's at what level. Then I would place them in groups depending on their math level.  |
| I would first evaluate all of the students and then split them into groups based on past knowledge and teach accordingly   |
| I would explain the lesson try to get students to do it and then do it myself as an example  |
| I would explain more fluently because I know sometimes I don't always understand when the teacher teaches  |
| I would explain and take up homework questions and keep explaining the same question until everyone understood.  |
| I would differentiate the amount of people that work independently better and the amount of people that work better in a group. I would then classify the weaknesses of students in math. Giving them the practice to make their weakness a strength and help them get better at that unit. If better independently i would make them do that, and if they work better in groups i would make them work in groups. |
| I would design it with desks set up individually because i enjoy figuring problems out on my own.  |
| I would design a lot of tables and a lot of computer. I would also teach a disciplined but fun class.  |
| I would bring devices into the classroom so math would be more fun   |
| I would break down the learning and i would also keep the homework to a minimal level.   |
| I would be dedicated to teaching my students and find the best way possible to teach them whether they are a visual, audible, kinaesthetic learner etc. Also have the most comfortable chairs in the whole world and tables.   |
| I would ask my students every day if they understood my lesson and what I was teaching, and if not that they could come to me discreetly for help - if they felt to shy to ask in front of peers. I'd make sure they would be confident and comfortable in my learning environment and achieve the absolute best they could on tests.  |
| I would allow some group work, as well as individual work; for assessments. Students can work with their friends, as well as others in ignite friendships. The class will also be set up in groups, rather than the basic (boring) rows. I would also integrate technology and "old time" math (pencil and paper). That would be the perfect math class  |
| i would allow people to use their phone for work purposes  |

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| i would add a lot more technology and examples around the class for the visual learners.   |
| I would make it more interesting   |
| I think the classroom I am in currently is already well designed.  |
| I think I would use more technology and use more examples because I find it easier when people hear the examples rather than just telling you what to do.  |
| I surround the classroom with creativity for example writing formulas  |
| I really like the idea of the I pads I think it's more fun for us and we will like to do math more and not find it so boring   |
| I quiz taken by the students at the beginning of the semester determining if they were an auditory,visual,kinetic etc...learner and pairing them with a calm patient teacher who specializes in platform of teaching |
| I like math the way it is and I do not want a different way of getting taught because every year you learn a different way to tackle problems and i wouldn't change a classroom.                                     |
| I like math classes the way they are designed now.   |
| I like math class the way it is.   |
| I have all types of teaching styles  |
| I don't really know, I haven't really thought about it   |
| I don't really know  |
| I don't know   |
| I don't know   |
| I don't know   |
| I do not know I wouldn't change anything... So far   |
| I believe I would not want tablets, and computers in math class. I like math class the way it is now.  |
| Have personal iPad for every person  |
| Have it hands on and visual  |
| have different areas for people who learn in different ways. e.g- place charts and diagrams around visual learners, give kinesthetic learners more hands on material (ipads,computers)                               |
| group work   |
| Give more time during test and lessons.  |
| Give independent worksheets and give lots of homework.   |
| Get math sheets with number problems   |
| Fun.   |

First of the doors would have units of measurement like centimetres on it to measure your height. The corners of the classroom will have the angle they are at beside them. The white board markers will be shaped as rulers with the marker tip on them. The windows will have a protractor beside them to see at what angle you open them at. The desks and chairs will be made of ruler shaped legs and the actual table will have ruler borders same with chairs. Couldn't write more sorry day ended.

Figure out every student's way of learning and try to teach them in a different way

Explain formulas slowly.

Everything around you is made of Lego and the teacher shows how math is involved (angles on the buildings)

Every student, whether they are an auditory learner, visual learner, or kinesthetic, would have the ability to learn math in their own way. Also, you would have the ability to use technology whenever necessary.

Every student would have a laptop/computer and tablet/smartphone that would be accessible to them at all times and the smart board would be used for most lessons.

Each person is given an individual curriculum based on what you need to work on or what you're already good at

Do activities where we have to look for the answer and actually do it at a place. Ex. In grade 8 we used our knowledge as a group and as a class team to get different measurements in our class.

Decorate it and use fun ways to teach.

Coming from a Montessori background my ultimate math class would be very hands-on

Colourful

Allow students to figure out problems without explaining how to do it. After some time show acceptable solution.

All tech things

All mental math teachers teaching kids mental math

All math would be taught by real life examples.

All I would do if I was a math class designer would be to put a kind, understanding teacher who will always be there when you need help.

A teacher that would push you to do your best, and if you do a quiz or test they take it up thoroughly to help you understand. Also the teacher helps all the children by giving visual aids, hands on activities, based on which they are kinesthetic, auditory, and visual. We would be able to use calculators as long as we know the formula, and how to get the answer. It

wouldn't really be different but there would still be change.

a smart board, giant calculator, groups and practice problems to do when you come in early

A really good balance between independent work and group work where music is allowed if you have head phones

A math class that has specific tutors for each person at a time

A good teacher that is not mean Reasonable homework

A fun teacher

A fun one □□□□

A class with people who want to learn concepts, A teacher who can understand the students, and where all ideas are welcome.

A class with every tool a student would ever need in math. With equations & problems & mathematical posters around the classroom and helpful tips on how to do proper math around the classroom.

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- Unlimited resources - Teacher spends time to help, actually wants you to succeed - Offer math clubs -\*\*\*\*\* Show examples in class of questions that will be similar to the ones on our evaluation \*\*\*\*\*