

Real life applications for math

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Standards I will use : NC.6.NS.5, NC.6.EE.8

Standard NC.6.EE.8

Description : Standard NC.6.EE.8 is all about writing and understanding inequalities which represent different situations. A way this could be used in real life is if an amusement park developer is building a roller coaster they can use an inequality any



height requirements there may be. This example is associated with the aforementioned standard because an amusement park developer will have

to know how to write inequalities and an theme park goer will have to be able to interpret the inequality
Another example of this is if a bank only accepts certain minimum amounts of money to deposit into an account they could represent this minimum deposit using an inequality.this is connected to the above standard because the bank will have to know how to write inequalities and someone depositing money will need to know how to read inequalities.



Standard : NC.6.NS.5

Description : standard NC.6.NS.5 is all about interpreting what 0 means in different situations and interpreting absolute values in context

This could be used in real life if an architect draws structures below the ground and lists there measurements as negative numbers ,since a builder would have to find the absolute value of them. This is connected to the aforementioned standard because the builder would have to be able to know what 0 meant and be able to find the absolute value of the .



Another example of this in real life is if a surveyor is mapping a town and some of the town is below sea level so they say it is 10 feet under sea level. This example is connected to the above standard because the surveyor had to know what the zero meant in his situation.



Sources:

<https://thiscrazyadventurecalledlife.com/disneyland-ride-height-requirements/>

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<https://www.needpix.com/photo/1650027/building-structure-multi-storey-building-skyscrapers>

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