

Learning Goal:

What do you want the students to know/master/solve by the end of class?

Be able to calculate the volume and
surface area of spheres

Date

6/15/22

Preconception

Knowledge of circles

★ Sparking Curiosity

In what ways will you spark their curiosity? Why should we learn this?

Withholding Information

no paper size no ball size
no trash can size no ball shape

Anticipating

begin in many ways to prepare for student solutions
expect to make their own balls
have list of answers to potential questions
have all these ready to provide
redox and number

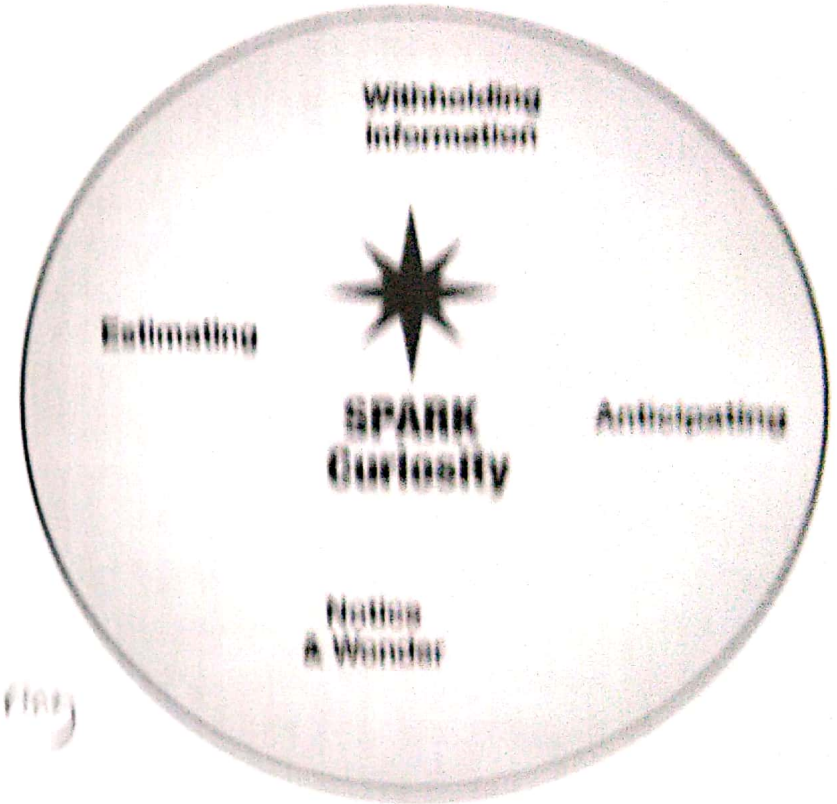
write EVERY idea down

think pair share to increase comfort w/ class sharing
replay vid a and pause when necessary
know question you want to ask in advance

Estimating

balls in can size of can

size of balls give one dimension you to give another (ex. bottom / top of can)



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Looking for feedback? Contact us



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