

Problem Solving

Lisa Acierno
Instructor Interdisciplinary
SDCE

**Why do we have to study
mathematics? When will I
ever use this in real life?**

**Because I
said so...**

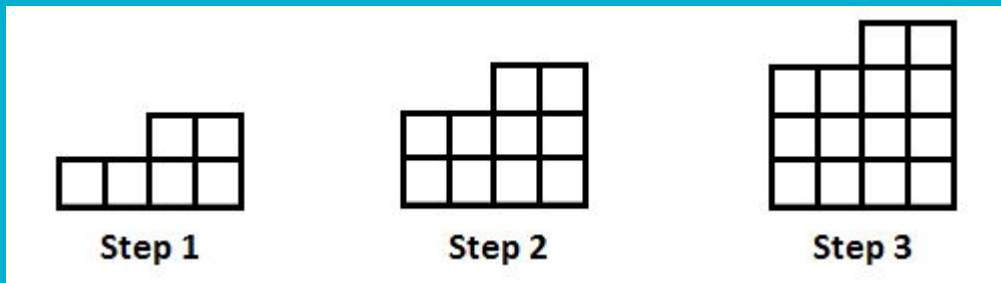


Mathematics is problem solving and that is something you will need to do every day.





Typical Algebra lecture



What pattern do you notice in the picture?

What do you wonder about the picture?

What linear equation(s) does the picture represent?

How could you color the boxes to show the pattern?

Give evidence that your equation is correct.

Can you draw the 4th step?

How many blocks would be in the 40th step?

Shift to Problem Solving Approach

Now brainstorm and create an activity for a lesson that incorporates problem solving into your discipline. You will be presenting these ideas to the class.
