Problem Solving – The Google Challenge

The Google Challenge

How many ways can you think of to find a needle in a haystack?

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What 3 things would you change in school if you were head teacher & why?

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You work in a factory that ships crates of apples and oranges around the world. One day, the labelling machine goes haywire and incorrectly labels the crates.

Your co-worker decides to play a game. He pulls up three crates of fruit and tells you that one of them has apples in it, one has oranges in it and the last one has *both* apples and oranges in it. You can see that one of the crates is labelled 'apples', another is labelled 'oranges' and the third is labelled for both apples and oranges. Your co-worker reminds you that all three crates are *incorrectly* labelled.

You get to pick one crate and your co-worker will pull a fruit out of it and show you what it is. You get to do this only one time. How can you determine (without a doubt) which crate has apples, which one has oranges and which one has both?

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- What is the answer to the apples and oranges questions?

- If you couldn't find the answer on your own, what way could you solve this problem right now, realistically?

- What could the other 2 Google Challenge questions teach you about problem solving? (Hint: think of how many answer possibilities we have given you).

- Do you think you'd want a job that involved problem solving?

- How can you solve problems effectively?

- Why is problem solving important in the World of Work?