**Student Activity Guide**

By Trey Cox

\*\*Watch Dan Meyer Video Clip: Shipping Routes – act1.mov\*\*

Act I –

1. Will the two ships ever meet again at the starting port?
   1. If you think they'll meet again, what's an amount of time you know is too high?
   2. If you think they'll meet again, what's an amount of time you know is too low?

Act II –

1. Go to this link: <http://mrmeyer.com/shippingroutes/>. Try different combinations of shipping times. Write down the time it takes the ships to meet back up. Do you notice any patterns?

Act III –Answer

SEQUEL –

QUESTION - Could you create two boat times so that the boats would never return to shore at the same time? Prove it.

QUESTION - What if you had three boats? Four?