

# **The Scientific Method**

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## **Materials:**

A square block with a nail hammered into the middle of it (not through the block, into the block), 9 nails

## **Procedure:**

Ask students to balance all 9 nails onto the nail hammered into the block. If what they do does not work, have them make a new hypothesis....

The trick is to take one nail and lie it down on the table, lean 4 heads of the nails on the nail on the table to one side and have three heads of nails so the three nails are going to the other side of the nail (so you should have one nail lying flat on the table with 4 nails lying to one side and three nails lying to the other making sure the heads of the nails are leaning on the nail). Place the 9th nail on top of the nail lying on the table but in the opposite direction. Squeeze them together so 4 nails hang to the one side and 3 hang to the other. Balance them on the nail in the block. Voila.