

Science Busking Activities to Excite Curiosity

Activity+Equipment:

Physics Topic:

KS/Year/Event:

What is the question?

What is the answer?

What is the follow up?

Notes:

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Activities to try:

- Boomwhackers (and popping pipes)
- Levitating mirror
- Infinite images
- Colour mixing
- Circuit stick
- Homopolar motor
- Spinning straws
- Rice bottle
- Galileo balls
- Magic uphill tin
- Bowling ball buoyancy
- Cartesian diver
- Pringle planets
- Earth moon balls
- UV secrets
- IR temperatures

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- **Boomwhackers and popping pipes - what tunes can you play?**



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- **Flying broomstick - can you ride it?**



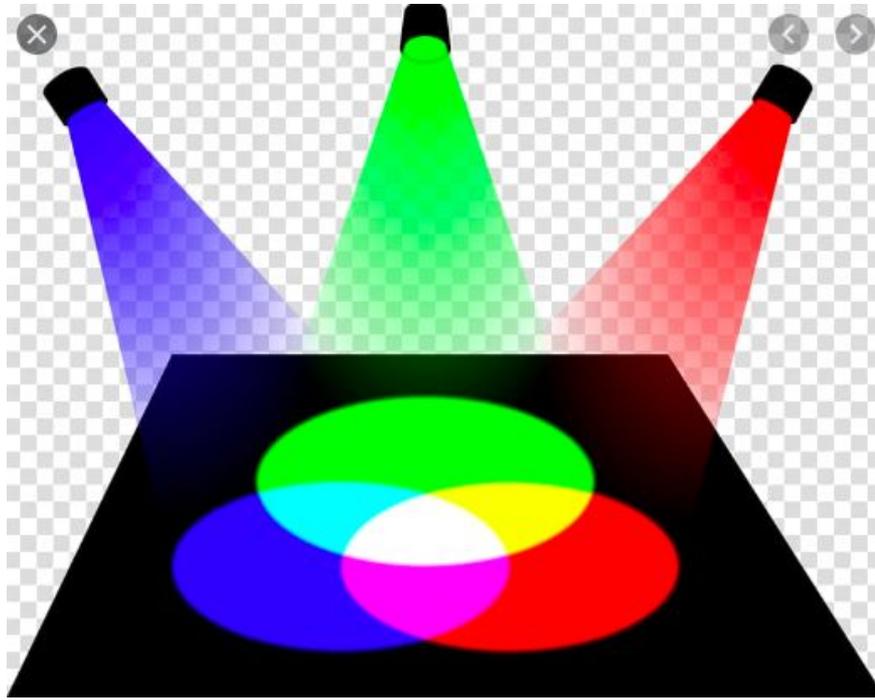
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- Infinite images - how many can you make?



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- **Colour mixing - how many colours can you make? Can you make coloured shadows?**



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- **Circuit stick - how many people can you connect with?**



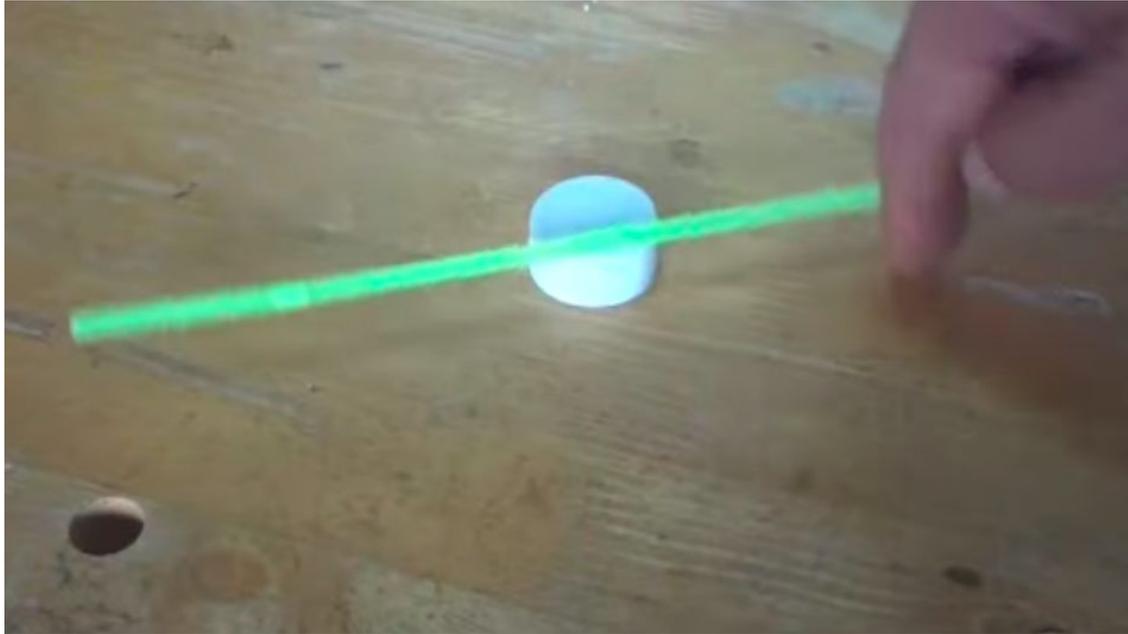
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- **Homopolar motor - make the heart spin**



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- Spinning straws - can you make the straw spin with static electricity?



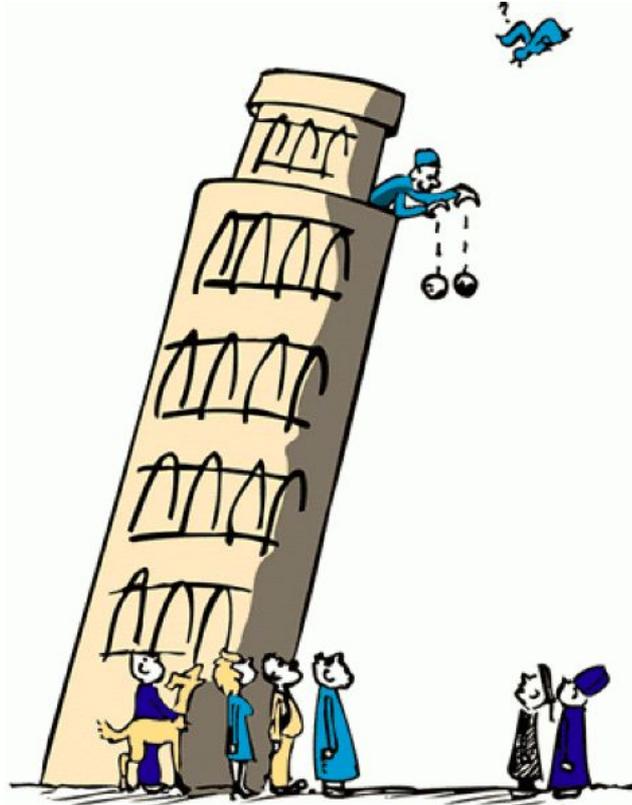
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- Rice bottle - lift the bottle using friction



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- Galileo balls - which one will hit the ground first?



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- Magic uphill tin - get ready to catch it!



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- Bowling ball buoyancy - will it float or will it sink?



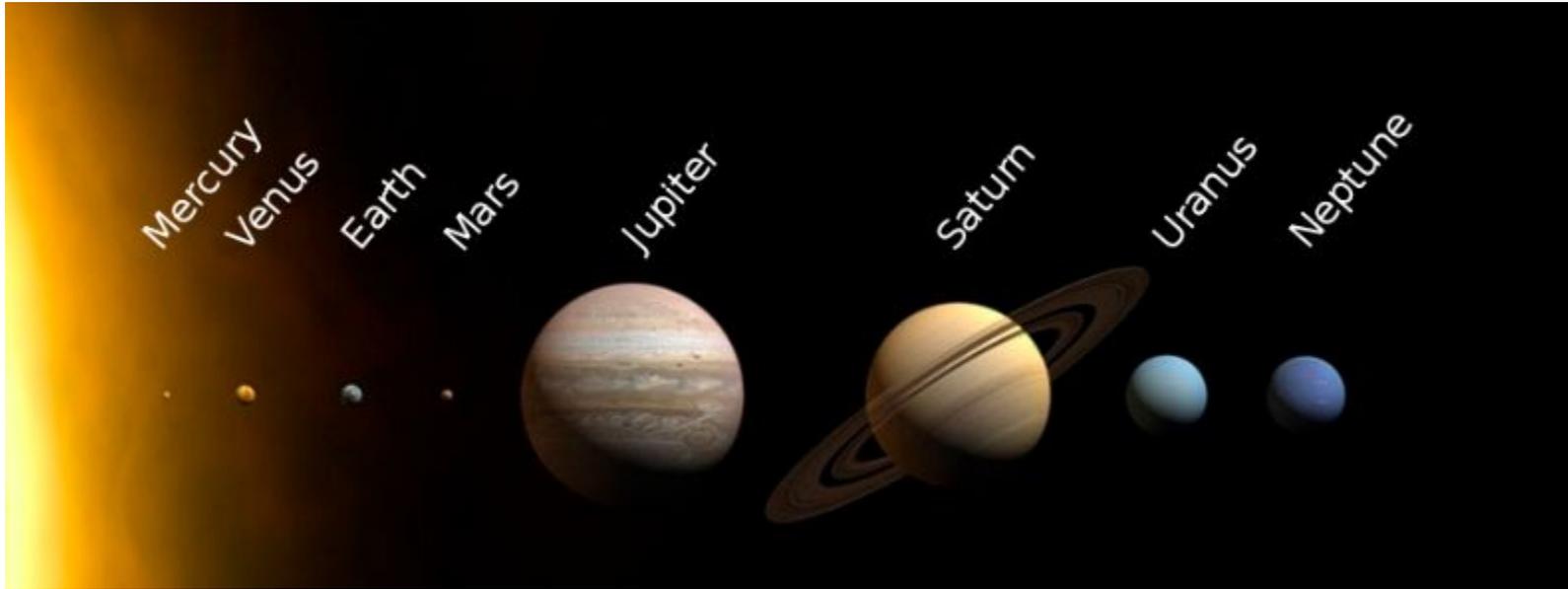
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- Cartesian diver - put the diver under pressure



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- Pringle planets - compare the force of gravity on different planets



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- Earth moon balls - how far away from the football Earth would the tennis ball Moon be?



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- UV secrets - find all the hidden parts of the EM spectrum



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- IR temperatures - what's the coldest object you can find?

