



300 ideas for physics ia

Mirrored from King's School, Worcester UK 1 curric/ investigations/past investigations.html mind/physics.htm 1999 1 Factors causing fluctuations in perspex suppression. 2 Water flow over incisions and weas. 3 Shrinkage of adjacent coil coils due to current through them. 4 Study of factors related to the flow of powders and crystals. 5 Test light from a 1,5 V bulb and a relative amount of light of different wavelengths from it. 6 Change in parachute load/speed. 7 Splash test. 8 Behaviour of thyrotrorons under different conditions. 12 Araldite bonds. 13 Vibrations caused by drum sound in a metal rod. 14 Creeping into copper wire. 15 Effect of shelving on wave breaking. 16 Strengthening the ice by sawdust. 17 Aerodynamic forces in the car. 18 Liquid flow meter. 19 Piezo electric effect. 20 Use eddy currents for & grin-destructive testing. 21 Wind powered generator. 22 The formation of a water tornado. 23 Precipitation of electrostatic particles. 24 Hitting the water with the surface of the water on the aircraft. 25 Distribution of airborne pollutants. 26 Electric analogue for water flow through locks. 27 Pouring - factors that make the perfect beak. 28 Construction and use of a variable-interval coincidence counter for the study of short-term isotopes in radioactive decay. 29 Factors which may be related to the suspension of a chain of uniform weight/length of the unit. 30 Smoke rings. 31 Effect of different short circuit periods on the regeneration rate of the dry cell. 32 Pressure/volume ratio of the rubber balloon. 33 Keeping drops on the hotplate. 34 Feasibility of solar energy. 35 Optimal camera aeration with contact hole 36 Microwave absorption. 37 Examination and analysis of rotational vortices. 38 Indoor sound control. 39 The impact of internal pressure on the achievement of football. 40 Conductivity of electrolytes in wood. 41 Absorption of fluids by filter paper. 42 Shaded magnetic probes. 44 Ionization of air generators and van de Graff. 45 Construction of an automatically functioning burette. 46 Use of a photosensitive device as a photometer and an application for light bulb. 47 Energy stored in the clock spring. 48 Investigation into tying: Why is it clinging? 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