This time the children made their camels 3 dimensional by gluing squares of foam core to the backs of their cut camel faces to elevate them. Their "magic carpet" backgrounds were created by taking 3 sheets of construction paper (red, yellow and black in this case) folding them in half and creating 6 unique...
white bandanna handkerchief. "Carpet," said Mary Poppins, putting her key in the lock. "To carry carpets in, you mean?" "No. Made of." A mini flying carpet. So say physicists who believe the same exotic materials used to make cloaking devices could also be used to levitate tiny objects. In a further breakthrough, two other research groups have come a step closer to cracking the mysteries of levitation. Leonhardt and Philbin believe that inserting a section of metamaterial between the plates will disrupt the quantum fluctuations of the electromagnetic field. In particular, metamaterials have a negative refractive index, so that electromagnetic light waves entering a metamaterial bend in the opposite way than expected, says Leonhardt. That will cause the Casimir force to act in the opposite direction – forcing the upper plate to levitate. The work will appear in the New Journal of Physics.