## Chacewater School – LEAP Into Learning – Summer 1 – Red Oaks SCIENCE: Forces



## Chacewater School – LEAP Into Learning – Summer 1 – Red Oaks SCIENCE: Forces What I might already know: The planets and the Sun do not touch and the planets stay in orbit around the Sun **KEY QUESTIONS:** What we will be learning: Forces make things begin to move, get faster or slow down. How does the **shape** How does the surface of an object affect travelled on affect *Air resistance* is a force that Unsupported objects fall towards the speed it falls in the speed of a toy acts in the opposite direction the Earth because of the force of water? car? to gravity. aravity. resistance acts in this direction acts in this direction **Key Vocabulary:** *Friction* is a force that forces Pattern Seeking slows or stops moving Comparative and Fair Testina objects. It is caused by two surfaces rubbing gravity Water resistance is the force against each other. responsible for making it How does the design of mass difficult for us to move your spinner affect through the water. how slowly it falls? weight Some objects need large forces to make them move; gears, pulley and friction levers can reduce the force needed to make things move.

streamline

