

PHYSICS/E.A.L. GLOSSARY – TRANSPORT 物理科/英语作为额外语言词汇表 – 交通	
Distance 距离	
How far two points or places are apart.	
两点或两个地方相隔的长度。	
Speed 速度	
How fast something is travelling. A measure of how far an object travels every second.	
某物移动快慢的程度，即一秒内物体所通过的距离。	
Average Speed 平均速度	
Calculated by dividing the total distance travelled by the total time taken for a journey.	
通过的总距离除以所用的总时间所得。	
Instantaneous Speed 瞬时速率	
How fast an object is travelling at an instant in time.	
物体一瞬间移动快慢的程度。	
Acceleration 加速	
When an object accelerates its speed increases.	
物体加速时其速度上升。	
Force 力量	
A push or a pull.	
推力或引力。	
Friction 摩擦力	
A force that acts to slow an object down. Rough surfaces give lots of friction.	
阻碍物体运动的作用力，粗糙表面产生大量的摩擦力。	
Mass 质量	
The mass of an object depends upon how much of a substance there is and what it is made of.	
物体的质量指物体所含的物质及该物质多少的程度。	
Weight 重量	
The force acting on a mass due to the earth's gravitational field. Measured in Newtons.	
质量因地心引力而受到的重力，重力的量度单位为牛顿。	
Gravitational Potential Energy 引力势能	
When an object is lifted off the ground it gains gravitational potential energy, when it falls this stored energy becomes kinetic energy.	

