

## Planning Sheet 規劃表

	First attempt 第一次試驗	How could you improve it? 你可以如何改進它?
<p>What will you use to make the blades? 您會用什麼來製造風車葉片?</p> <ul style="list-style-type: none"> <li>• How many blades? 有幾個葉片?</li> <li>• Straight or curved? 直的還是彎的?</li> <li>• Thick or thin? 厚還是薄?</li> </ul>		
<p>What will you use to make the blades spin quickly? 你會用什麼來讓風車葉片快速旋轉?</p> <ul style="list-style-type: none"> <li>• They must not touch the table. 它們必定不能觸碰桌子</li> <li>• They must be able to spin freely 它們必須能夠自由旋轉</li> </ul>		
<p>How will you pick up the marble? 你將如何撿起彈珠?</p> <ul style="list-style-type: none"> <li>• It must not be too heavy. 不能太重。</li> <li>• It must be big enough to hold at least one marble. • 它必須足夠大以容納至少一顆彈珠。</li> </ul>		
<p><b>Draw your finished windmill here 在這裡畫出你完成的風車</b></p>		

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How fast can you make your marble go? 你能讓你的彈珠移動多快?		
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<p>How can you make your marble go quickly? 怎麼樣才能讓你的彈珠走得快呢?</p> <ul style="list-style-type: none"> <li>• How long will you make your run? 你會製作多長的賽道?</li> <li>• How steep will it be? 你的賽道會有多斜?</li> </ul>		
<p><b>Now work out the speed.</b> 現在算一下速度。 <b>Speed 速度 = distance 距離 ÷ time 時間</b></p>	<p>Distance 距離 =           cm 厘米 time 時間 =               seconds 秒</p> <p>speed 速度 =               cm/s 厘米/秒</p>	<p>Distance 距離 =           cm 厘米 time 時間 =               seconds 秒</p> <p>speed 速度 =               cm/s 厘米/秒</p>