

Year 9 Spring Term 2

19/02/2024	26/02/2024	04/03/2024	11/03/2024	18/03/2024
week 21	week 22	week 23	week 24	week 25
P1 and P2	PAZ	P1 and P2		
<p>P1 Motion</p> <p>LIs 1-4 were carried out in the last half term but are included here to show the progression of the topic.</p> <ol style="list-style-type: none"> 1. What are vectors and scalars? 2. What information can we get from a distance time graph? 3. What is acceleration? 4. How is acceleration affected by gravity? 5. How do we represent velocity on graphs? 6. Review and recall for PAZ – revision techniques. 	<ol style="list-style-type: none"> 1. Assessment of knowledge 2. Review of assessment 	<p>P2 Forces and Motion</p> <ol style="list-style-type: none"> 1. What do forces do to an object? 2. What is Newton’s first law? 3. How do forces act in circular motion (H)? 4. What is the relationship between mass and weight? 5. What is Newton’s second law? 6. Core Practical: Investigate the relationship between force, mass, and acceleration by varying the masses added to trolleys (2-3 lessons) 7. What is Newton’s third law? 8. How do we apply Newtons 3d law to collisions (H)? 9. What is momentum, how do we calculate it, and how do we apply Newton’s second law to momentum in collisions (H)? 10. What are the factors which affect stopping distances? (2 lessons) 11. What are the dangers of crashes? 12. Review and practice of calculations (2 lessons) 		