# Key Stage 3 Science – Autumn Term Plan (Biology and Physics)

**Autumn Term Topics:**Weeks 1–7: Cells and Body Systems (Biology)  
Weeks 8–13: Forces and Motion (Physics)  
 **Big Questions:**  
- Biology: How do cells and organ systems keep us alive?  
- Physics: How and why do objects move the way they do?  
One lesson per week from 8th September to 8th December (13 weeks).

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| **Week** | **Date** | **Topic** | **Lesson Title / Key Question** |
| 1 | 8 Sept | Biology | What are cells and how do we observe them? (Microscope use) |
| 2 | 15 Sept | Biology | What are the functions of cell structures? |
| 3 | 22 Sept | Biology | How do cells form tissues, organs and systems? |
| 4 | 29 Sept | Biology | What is the function of the digestive system? |
| 5 | 6 Oct | Biology | How do the circulatory and respiratory systems work together? |
| 6 | 13 Oct | Biology | How do lifestyle choices affect our health? |
| 7 | 20 Oct | Biology | Recap and revision session of the half terms objectives. |
| — | 27 Oct | — | HALF TERM – No lesson |
| 8 | 3 Nov | Physics | What are forces and how can we measure them? (Newtons, force meters) |
| 9 | 10 Nov | Physics | What is the difference between balanced and unbalanced forces? |
| 10 | 17 Nov | Physics | How do forces affect motion? (Speed, acceleration) |
| 11 | 24 Nov | Physics | What is friction and how does it help or hinder us? |
| 12 | 1 Dec | Physics | What are gravity and air resistance? |
| 13 | 8 Dec | Physics | Recap session and revision covered over the half term. |