



ENHANCING LEARNING OUTCOMES WITH SPT



Bringing Data to Life in the Classroom

SPT’s GPS tracking and performance analytics tools provide schools and students with an exciting opportunity to integrate real-time athlete data into their studies. PE and Sports Science Curriculum is evolving requiring students to collect, analyse, and reflect on primary data during practical activities. SPT helps bring these learning outcomes to life with engaging, measurable insights.

SPT goes beyond the classroom by connecting practical activity with real-time data, enabling students to explore, analyse, and apply key theoretical concepts. Aligning SPT with your curriculum provides teachers with a practical way to meet assessment requirements through meaningful, engaging, and hands-on learning experiences.

What SPT Brings to the Classroom

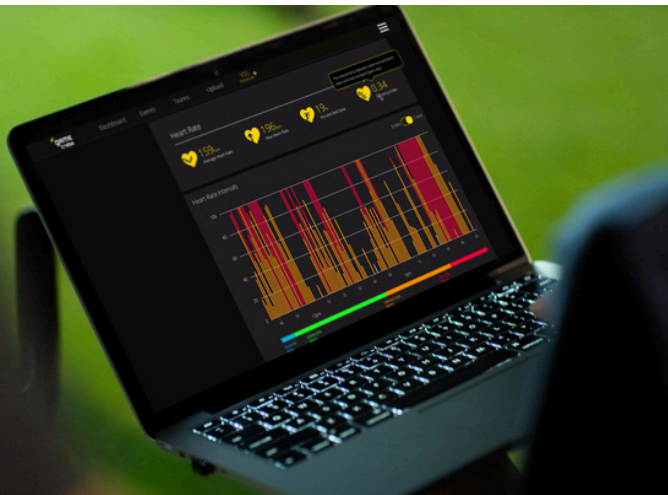
- **Real Data for Real Learning:** Bring practical sessions into the classroom using live movement data for analysis and reflection.
- **Meets Assessment Requirements:** Supports core outcomes through collection and interpretation of primary data.
- **Boosts Engagement and Digital Skills:** Helps students develop data literacy and critical thinking using the same tools used by professional teams.
- **Prepares Students for the Future:** Encourages understanding of sports science, performance analysis, and real-world applications in health and fitness.

Example Curriculum Task	Example Using SPT
Perform a movement analysis	Use SPT data and video footage to analyse biomechanics and technique
Conduct an activity analysis	Track a session to determine work-to-rest ratio and fitness demands
Monitor training load	Create and monitor a 4-week training plan using live performance data
Analyse energy system use	Map speed and effort data to specific energy system contributions
Reflective folio entry	Incorporate dashboard screenshots in student reflections and training logs

Curriculum Integration Opportunities Using SPT

SPT equips students with industry-standard sports technology that supports deep engagement with the your relevant curriculum. By integrating GPS tracking and data analysis into your teaching, students are empowered to explore real-world performance data.

Example Unit	Curriculum Focus	How SPT Can Be Used	Curriculum Link
Unit 1 The Human Body in Motion	Understanding musculoskeletal and cardiorespiratory systems during activity	<ul style="list-style-type: none"> Collect data on speed, distance, movement types, and intensity Explore physiological responses in real settings 	<ul style="list-style-type: none"> “Participate in and analyse a variety of movements...” “Use primary data to measure and analyse changes...”
Unit 2 Physical Activity, Sport, Exercise and Society	Measuring physical activity and understanding social factors	<ul style="list-style-type: none"> Track physical activity levels and patterns using GPS data Assess sedentary behaviour and activity guidelines Explore wearable technology and its role in sport 	<ul style="list-style-type: none"> “Collect and analyse data related to participation levels...” “Use subjective and objective methods such as wearable technology...”
Unit 3 Movement Skills and Energy for Physical Activity	Biomechanics, energy systems, and movement analysis	<ul style="list-style-type: none"> Capture data on acceleration, deceleration, top speed, etc. Use dashboards tools for movement analysis Link energy systems and fatigue to load & intensity data 	<ul style="list-style-type: none"> “Analyse primary data collected from participation...” “Perform, observe, analyse and report on practical activities...”
Unit 4 Training to Improve Performance	Training principles, fitness components, and adaptation	<ul style="list-style-type: none"> Conduct activity analysis (work-to-rest ratios) Design and monitor training programsReflect on physiological adaptations using SPT data 	<ul style="list-style-type: none"> “Undertake an activity analysis to justify physiological requirements...” “Record and analyse data to adjust training...” “Use primary data to demonstrate integration of theory and practice...”



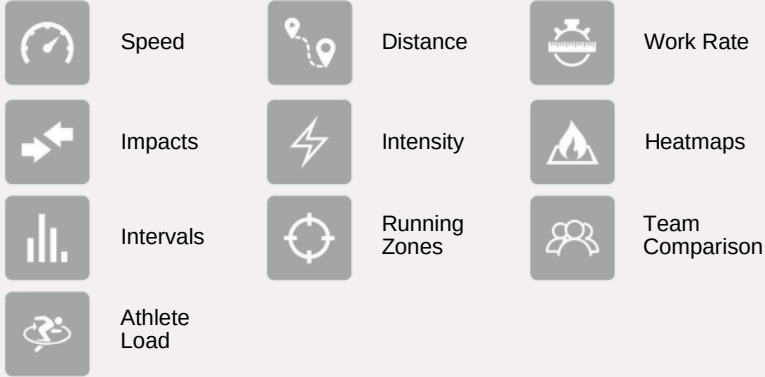
“ Our school purchased SPT GPS devices to use within our Physical Education/Health Department. They have become a key component of senior practical lessons. Students have applied results to make links to theory topics such as energy systems, fitness (training methods) and concepts of physical activity, as well as many others

WHITNEY KENNEDY
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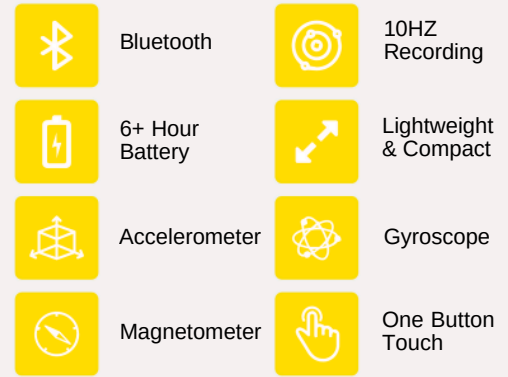
Performance Metrics

Track and monitor key athlete analytics and receive real-time data with the mobile and tablet option



Features

The SPT NXT is the smallest team sports GPS on the market



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