

Professional Development: Live Virtual Training Guide



Mastering the STEM Sports Digital Curriculum

This guide outlines the topics and schedule for the STEM Sports Professional Development Live Training. Parts 1-4 will be covered in a single session, while part 5 will be scheduled separately as a follow-up. Each session is conducted virtually by a STEM Sports team member, ensuring interactive and effective learning.

PART 1: PREFACE

[15 MINUTES]

Welcome	A review of the curriculum’s key benefits in your classroom/learning environment.
Mindfulness Matters	A review and depiction of the curriculum’s overarching objective, including metrics related to the career exploration and placement through the teachers and students lens.
Table of Contents	A review and depiction of the curriculum’s eight (8) lessons per gradeband.
Supplies Checklist	A review of the curriculum’s academic materials and sports supplies.
Glossary & Lesson Resources	A review of key terminology and video/visual resources applied to lessons for effective application, including accessibility to all supporting resources on the STEM Sports website: STEMSports.com/resources/

PART 2: IMPLEMENTATION

[30 MINUTES]

Scope & Sequence	A review and depiction of a lesson’s pedagogical approach for student engagement and retainment of standards.
Concept / Objective/ Standards	<ul style="list-style-type: none">• Concept• Objective• Standards: K-2 / 3-5 / 6-8<ul style="list-style-type: none">◦ Next Generation Science Standards (NGSS)◦ Common Core Math Standards (CCSS)◦ National Standards for K-12 Physical Education
Sequence of Lesson	<ul style="list-style-type: none">• Pre-Assessment: Measure your student’s prerequisite knowledge of STEM concepts and standards.• Review of the 5E lesson structure (engage, explore, explain, elaborate, evaluate).• Post Assessment: Measure your student’s post knowledge of STEM concepts and standards.• STEM Jobs in Sports: Connects the lesson’s concepts and skills required to work in STEM and/or Sports, empowering students to develop their 21st century skills in preparation for their careers.

PART 3: PROJECT-BASED LEARNING (PBL)

[10 MINUTES]

Capstone	A review and depiction of a capstone project in which proceeds the 8th and final lesson for 6-8 students.
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PART 4: DIGITAL ONBOARDING

[40 MINUTES]

Registration	A live demonstration of teacher and student onboarding in the digital platform, including: teacher registration, creating a course, student registration, and creating student groups.
Creating Assignments	A live demonstration of creating an assignment and a review of the lesson resources including: printable worksheets, answer keys, and digital decks.
Reporting Options	A live demonstration of reporting options at the district, school, class, and student level.
Digital Support	A live demonstration of troubleshooting digital issues and creating help tickets.

PART 5: Q&A

[30 MINUTES]

Ongoing Support	<p>One (1) 30-minute live virtual support session with the STEM Sports team for ongoing support. This session can be scheduled at any time for up to one year from the date of the initial professional development training.</p> <p><i>Additional ongoing support hours can be purchased upon request.</i></p>
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