Growing Mathletes Facilitator Training Day 4

In-Person

Summer 2023

DAY 4

Day 4 Agenda

Good Morning!

1. **Launch**
2. **Lesson Review (Brief) -** Strike Zone and Fielding Percentage
3. **Lesson Modeling -** Throwing Distance and Launch Angle (Facilitators Lead!)
4. **Lesson Modeling -** Design a Stadium Project
5. **Closing**

Part 4.1: Launch

Energizer

Have a mini-dance party!

What is one “tone setting” thing you do or want to try to transition your scholars into a new activity?

Part 4.2a:
Lesson - Strike Zone

Lesson Discussion

- What do you think are the key ideas for this lesson (math, baseball, growth mindset)? How do different parts of this lesson support youth understanding of the key ideas?
- What do you expect to be exciting for your youth? What might be challenging or less engaging?
- Do you have any initial thoughts about how you might adapt this lesson for your own club?

Part 4.2b:
Lesson - Fielding Percentage

Lesson Discussion

- What do you think are the key ideas for this lesson (math, baseball, growth mindset)? How do different parts of this lesson support youth understanding of the key ideas?
- What do you expect to be exciting for your youth? What might be challenging or less engaging?
- Do you have any initial thoughts about how you might adapt this lesson for your own club?

Part 4.3: Facilitators Lead Lessons:

Throwing Distance and Launch Angle

Part 4.3a:
Lesson - Throwing Distance

Lesson Discussion

- What do you think are the key ideas for this lesson (math, baseball, growth mindset)? How do different parts of this lesson support youth understanding of the key ideas?
- What do you expect to be exciting for your youth? What might be challenging or less engaging?
- Do you have any initial thoughts about how you might adapt this lesson for your own club?

BREAK

REMINDER: Set up for Launch Angle & Stadium Project

Part 4.3b:
Lesson - Launch Angle

Lesson Discussion

- What do you think are the key ideas for this lesson (math, baseball, growth mindset)? How do different parts of this lesson support youth understanding of the key ideas?
- What do you expect to be exciting for your youth? What might be challenging or less engaging?
- Do you have any initial thoughts about how you might adapt this lesson for your own club?

Part 4.4:
Lesson - Stadium Project

Lesson Discussion

- What do you think are the key ideas for this lesson (math, baseball, growth mindset)? How do different parts of this lesson support youth understanding of the key ideas?
- What do you expect to be exciting for your youth? What might be challenging or less engaging?
- Do you have any initial thoughts about how you might adapt this lesson for your own club?

Part 4.5: Closing

Overview of 2-Week Calendar

	Monday	Tuesday	Wednesday	Thursday
Week 1	• Baseball Field Geometry • Base Running	• Broad Jump • Wingspan	• Intro to Batting Average • Modeling Batting Average	• Nutrition • Stealing Bases
Week 2	• Negro League Road Trip	• Strike Zone • Fielding Percentage	• Throwing Distance • Launch Angle	• Design a Baseball Stadium

Closing

- Logistics of Mathletes Week 1
  - Where will you implement lessons with your group? (Are classrooms assigned yet?)
  - Where (and when) will you pick up materials for the day?
  - Who will you co-facilitate with? How will you divide your roles?
- Final reflections from training
- Q & A

END of Day 4!