

# IBMA Biology IA Scoring

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# **Welcome, Participants!!**

Please introduce yourself:

1. Name
2. School/Location
3. How many years have you taught IB Biology?
4. In which year(s) do you complete the IA?

# Agenda

## IA Information:

- Pacing (when to start/finish?)
- Class time vs after school
- Scoring

## Other:

- Biology EE
- Assessments (P1, P2, P3)
- Group 4 Project
- Exam review ideas
- Choosing the Option
- New curriculum: first teaching Fall 2023, first exams May 2025



# IA Pacing

## Some things to consider:

- Internal school IA calendar
  - Make sure you consider both junior and senior year IA due dates
- How will you “break down” the IA?
  - Selection (and approval) of topic
  - Background research/planning
  - Experiment
  - Analysis/Conclusion
- Will you allow time in school or will this be done exclusively outside of school?
- Final due date: Give yourself sufficient time to score papers
- IA's due to IB Coordinator by April 20\* (drop-dead due date)

# Orth & Berlinghoff's (generalized) IA plan

## Junior year:

- mid-April: introduce IA, begin topic selection
- early May: topics have been submitted and approved
- May: complete background research/methodology, submit for reading by teacher

## Summer:

- Make adjustments to background research/methods as needed

## Senior year:

- mid-Sept.-October: Set-up experiments/data collection
- Data analysis (in-class instruction); data analysis due early November
- Conclusion and Evaluation due after Thanksgiving
- Final IA due before Winter Break

# IA Scoring

- Share the IA rubric with students BEFORE you start the process
- Include comments for the moderator on the paper or in the margins
  - Based on feedback from moderators, they prefer comments within the paper versus on a separate score sheet.
  - Comments within the paper (not at the start or end of the paper) are most helpful
  - Include justification for why you awarded your score; moderators are told to support the teacher when possible
- Reference the released Subject reports for detailed guidance/feedback for each testing session (released in the Fall after each test session)
  - [May 2020 subject report](#)
  - [May 2021 subject report](#)

# MHS IA Resources

[IA Checklist](#)

[Calculating Statistics in Google Sheets Tutorial](#) (mean, standard deviation, t-test, ANOVA)

[Google Sheets Scatter Plot Tutorial](#)

[Google Sheets Bar Graph Tutorial](#)



# HHS IA Resources

[IA Introduction](#)

[IA Problem Question Selection](#)

[Biology IA Comment Sheet](#)

[Group 4 Project with UN Sustainability Goals](#)

# Helpful IA Resources

[IA Checklist](#)

[IA Checklist 2](#)

[50 Biology IA ideas](#)

[Marking the IA \(video\)](#)

Source: C. Walck IBMA Biology Networking, Feb. 2021

# Helpful IB Biology Resources (General)

[Biology for Life--Gretel von Barga](#)

[Bioknowledgy](#)

Test bank (\$\$-Follett IB Store)

[InThinking](#) (\$\$)

[3-D Molecular Design Kits](#) (\$\$)

[Biozone Student Workbook](#) (\$\$)