

# **BLC 2019**

The Whole Teaching Environment

Over a span of time, the task of teaching Intro Bio has changed



# What do we have to consider when we teach Intro Bio?

1. Content - What to cover and in what detail.
2. Define Learning Objectives - What will students do with the content.
3. Define Assessments - How do we know they know.
4. Active Learning - Problems/activities that **teach**, as well as test.
5. Preparation - Online prep quizzing and moving content to pre-class.
6. Alignment - Exams are consistent with practice problems.
7. Inclusivity and Engagement - How we bring all students along.
8. Professional Development - How we bring our colleagues along.



# What are the supports that help us with each of these?

1. Content - What to cover and in what detail.
2. Define Learning Objectives - What will students do with the content.
3. Define Assessments - How do we know they know.
4. Formative Assessment - Problems that **teach**, as well as test.
5. Preparation - Online prep quizzing and moving content to pre-class.
6. Alignment - Exams are consistent with practice problems.
7. Inclusivity and Engagement - How we bring all students along.
8. Professional Development - How we bring our colleagues along.

**What am I missing?**

**What do we have a handle on?**

**What do we need to work on?**

**What are the supports for these?**

# What are the supports that help us with each of these?

1. Content - What to cover and in what detail.

## Vision and Change

2. Define Learning Objectives - What will students do with the content.

3. Develop Assessments - How do we know they know.

## Mastering

4. Formative Assessment - Problems that *teach*, as well as test.

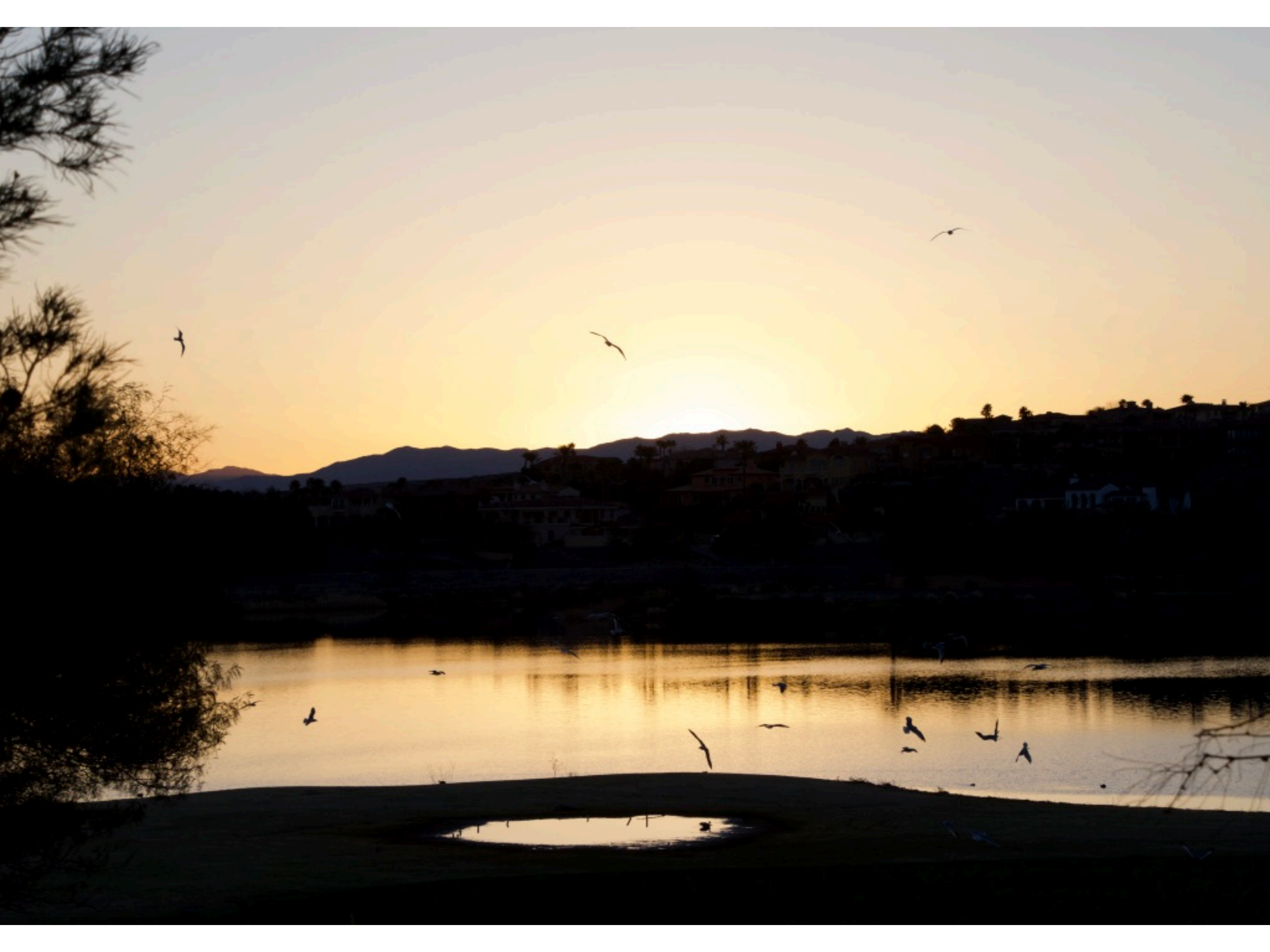
5. Preparation - Online prep quizzing and moving content to pre-class.

6. Alignment - Exams are consistent with practice problems.

7. Inclusivity and Engagement - How we bring all students along.

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## BLC







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**BLC = Moai**

