Strategies to promote a growth mindset in your students

For your category, you may have several general strategies bullet pointed for you.
   a. Discuss with your partners for 5-7 min how these strategies promote students' growth mindset; and
   b. Come up with several specific strategies for your own classroom implementation.

1. Destigmatize mistakes & challenges
   ● Normalize mistakes as part of the learning process.
   ● Describe mistakes you've made as a scientist and/or academic struggles you've had as a student.
   ● Tell your students to make mistakes "now" (in section and during office hours or problem sets) so that they don't make them "later" (on exams).
   ● Explain how science prioritizes process (good problem solving) over results (specific final answers) → we want to make sure everyone is approaching questions with the right process; small mistakes are not important.

2. Optimize feedback giving (you) & receiving (your students)
   ● Make your expectations for student behaviors are crystal clear:
      ○ Make it clear that you expect that all your students can succeed and that their success is one of your goals
      ○ When you provide feedback, make it clear that the feedback is designed to help them improve and get better.
      ○ State these expectations early and repeat them often
   ● Provide early opportunities for each topic for students to increase their confidence.
   ● Give students targeted feedback about their process so they know what to do next time and they understand how to improve.

3. Challenge the notion that learning does not require struggle, even for very capable people
   ● Normalize the idea that most worthwhile learning involves struggling.
   ● Tell students about your own struggles and/or the struggles of famous people in your field or at your school.

4. Communicate that abilities can grow
   ● Explain to students how expertise develops.
   ● Ask your students to "Think of a subject/task/activity that you have become very good at. What evidence do you have that you are good? What did you do to become skilled? How do you feel when someone asks you to perform this task?"