

SIMPLE PENDULUM

TEACHERS NOTES

- The activity is designed for 50-minutes. The session starts with an overview and predictions. Predictions are important so that students can verify their understanding or clarify misconceptions.
- Allow students to work in pairs when they make predictions. It is also important that they communicate what they know about the lesson.
- After the predictions, the task of the teacher is to facilitate in eliciting a common prediction for the class. Two or more pairs can share their predictions with the class. This common prediction should be written on the board.
- If this is not the first time that students will use the simulation, teachers may allot time for students to explore first.
- There is an assumption that students know how to use spreadsheet software in generating a scatter plot. If not, teachers can ask students to sketch the shape of the graph if the period is plotted against each of the variables. This is a good integration point in relationships lesson.
- Enjoy!

For comments and suggestions to improve this activity, please send it to:

Jay Gregorio
Ateneo de Manila High School
Loyola Heights, Quezon City
jbgregorio@ateneo.edu