

## Scientific English II

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### Course Topic: Preparing a Research Poster or Oral Presentation

This course introduces students to effective ways of presenting their research, either through a poster or an oral presentation. Students will learn how to communicate mathematical results clearly, organize information visually, and engage an audience professionally.

#### 1. Purpose of a Research Poster / Oral Presentation

- Communicate your results effectively
- Highlight main contributions
- Facilitate discussion with peers and researchers

#### 2. Structure of a Poster

- Title and authors
- Introduction / Motivation
- Methods / Results
- Conclusion / Key messages
- Visual elements: figures, tables, graphs

#### 3. Structure of an Oral Presentation

- Opening: context and motivation
- Body: methodology and key results
- Closing: conclusion and discussion
- Time management (5–10 min typical for students)

#### 4. Style and Design Tips

- Keep text concise
- Use clear fonts and colors
- Highlight important points
- Avoid overcrowding slides or poster sections

#### 5. Engaging the Audience

- Speak clearly and confidently
- Make eye contact
- Handle questions politely and honestly
- Practice timing and transitions

## **6. Common Mistakes to Avoid**

- Too much text
- Overly complex graphs
- Reading slides verbatim
- Ignoring the audience

## **7. Short Exercise**

- Students design a mini poster (A4) for a given research topic
- Or prepare a 3–5 minute oral presentation on a mathematical result