

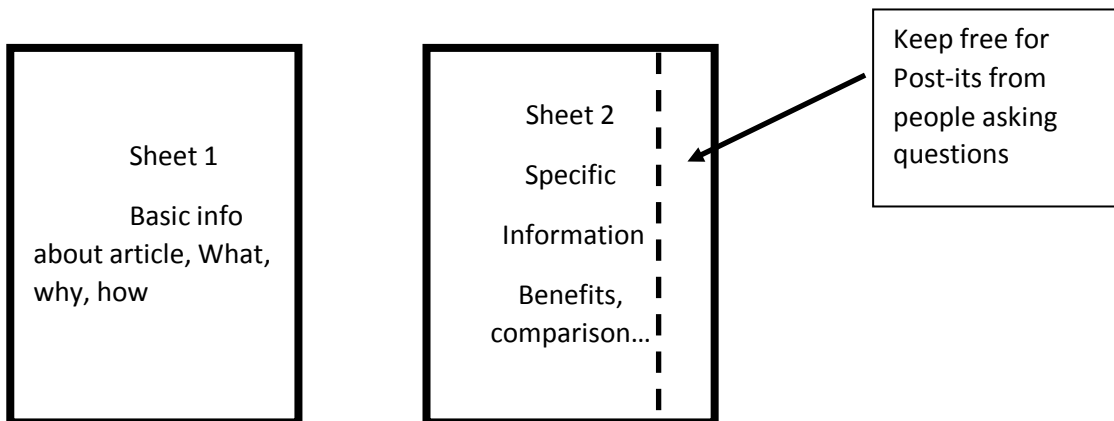
GALLERY WALK

Objective: The objective of the Gallery walk is to enable students to read and understand a specific thin film based application and then teach their fellow students. The Gallery walk is group work only in the classroom. Each group will be given a specific article to study. There will be a specific set of questions which have to be answered for the topic. On the day of the walk the group will have 30 mins to make their “posters”. At the end of this time the students will re-group and study and learn from each other’s posters.

Instructions:

1. Group specific topic will be given.
2. The group members can work either individually or as a group to get details. On the day of the gallery walk the details are combined to make their “poster”.
3. Each group will have 30 mins time and 2 sheets to make their “posters”. (See Below)
4. There will be a set of questions common to all the groups which have to be explained in the “poster”. (See Below)
5. Once “posters” are made the groups re-arrange such that for every “poster” one person from that group is present to explain to others.
6. Post-its will be given. If a student has a question about the “poster” then write your name and a key word on the question, and then stick it to edge of sheet 2 (See Below). This lets us track the activity of student and the “poster”.

Poster Sheets:



The Process:

1. On top of sheet1 and 2 please write your group number (Group X)
2. Start by writing the article name on sheet1.
3. Sheet1 is devoted to explaining the article which you have been given.

4. Sheet2 is devoted to explanations, comparisons and discussion of advantages and disadvantages (See Below).
5. Sheet2 can also have other relevant information (such as the process is commercial, company doing it, turnover, quantity etc.)
6. Paper and pens will be supplied.
7. Make the “poster” with thought and co-operation, keeping in mind the **mandatory questions** to answer and keep it understandable.

Mandatory Questions to consider:

1. What is the purpose of the article. (Sheet1)
2. What is the substrate and thin film used in this article. (Sheet1)
3. What is the process or method used to make the thin film. (Sheet1)
4. What methods have been used to characterize the thin film in this article. (Sheet1)
5. What improvements or advantages are talked about in the article (sheet2).
6. For the purpose of this application what is the strength of the deposition process used (sheet2).

REMEMBER:

1. IT IS EXPECTED THAT STUDENTS RESEARCH BEYOND THE GIVEN ARTICLE TO IMPROVE THEIR UNDERSTANDING AND PROVIDE SATISFACTORY ANSWERS TO QUESTIONS.
2. Please remember that the “poster” quality is not being evaluated. However, the accuracy of facts in the “poster” are considered. If a group has very in-accurate facts in their “poster” the group as a whole will be marked negatively.
3. When making the “poster” make sure the writing is big enough and legible enough. Try not to have strikeouts or cross-outs.
4. Please bring a printed copy of the article so that you can refer to it during discussions.