

SUMMING UP

WEEK 1:

FLATBED SCANNER



MAKING SCIENCE AND ENGINEERING PICTURES

A PRACTICAL GUIDE TO PRESENTING YOUR WORK

Why Use a Scanner?

- It's a quick, inexpensive, high-quality camera alternative.
- You can experiment with image capture and share familiar visual content in new ways.
- Great for drafts, placeholders, patent submissions

Consider:

- Is your subject is appropriate for a scanner?
- Will interesting details be seen? Do they measure somewhere from a few millimeters to a few centimeters in size?
- Depth of field for 3-D objects is limited, but shouldn't deter exploration.
- How will the image be used? (Cover art? Presentation? Figure in a journal?)
- The background: Make sure your choice is not distracting.

Experiment with:

- Position and placement on the scanner.
- Direction of light.

Check the Scanner Settings

- Uncheck all image processing.
- More dots per inch provides more resolution and finer detail.
- Capture as a TIFF.

Keep a Record

- ...of your process.

MIT OpenCourseWare
<http://ocw.mit.edu>

Resource: Making Science and Engineering Pictures: A Practical Guide to Presenting Your Work
Felice Frankel

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