

## A Framework for Planning Modeling Tasks

## CONTEXT

What contexts are interesting and important to your students? In what ways are your students knowledgeable about these contexts?

## NARRATIVE

How could the mathematics you teach become part of a narrative? How could the narrative be set in the contexts you listed?

## GOALS AND STANDARDS

What learning goals and/or standards will you aim to address?

## DECISIONS

What mathematical question(s) could your students ask and answer in this task? How could they use mathematics to make a decision?

## “LOWER-CASE” DECISIONS

| Problem Posing                     | Gathering Information | Pursuing & Refining Solutions | Communicating Results                  |
|------------------------------------|-----------------------|-------------------------------|----------------------------------------|
| Individual? Group?<br>Whole Class? | Provided? Found?      | Individuals? Groups?          | Format? Individuals?<br>Groups? Class? |