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| Teacher:  |  |
| Grade(s): |  |
| Date: |  |
| **Describe when and how you will ask students to record and review explanations of their thinking when solving a mathematics problem with a model or visual representation.**  |
| 1. What will be your lesson goal or topic? (e.g., support understanding of subitizing, counting on, equipartitioning)  |
| 2. What mathematics problem will you ask students to solve?  |
| 3. What modeling or representation tools will you have students use to help explain their mathematical thinking? \_\_\_ Paper and pencil \_\_\_ Physical manipulative (describe): \_\_\_ Mobile device tool or app (describe) : \_\_\_ Other (describe):  |
| 4. What recording tool will you have students use to record explanations of their mathematical thinking? \_\_\_ Explain EverythingTM\_\_\_ShowMe\_\_\_Showbie\_\_\_Mobile device camera\_\_\_ Other (please describe):  |
| 5. What strategies to support mathematical talk or discourse will you use with students? (e.g., Math Congress, Gallery Walk, sentence frames)  |
| 6. With whom will students make and review their recordings? \_\_\_Independently\_\_\_ In pairs\_\_\_In small groups\_\_\_During whole-group discussion\_\_\_ Other (decsribe): |
| **Describe how you think students will respond to your strategies.**  |
| 7. How will students respond to the mathematics problems that you will present?  |
| 8. How will students respond to the modeling or representation tools that you will have them use?  |
| 9. How will students respond to the strategies that you will use to promote mathematical talk or discourse?  |
| 10. How will students respond when they make and review recordings of their own mathematical thinking?  |

Other: