

## Teacher's Notes For Middle School Mixtures

### Sequence of Activities:

Number	Name	Type of Activity	Basic Rationale	In Class Time
1	Separate a mixture	Laboratory	Elicit student ideas about mixtures, begin to establish patterns about types of mixtures.	50 minutes
2	Powers of 10 video and Zooming In and Out Worksheet	Video, student worksheet, class discussion	Students will gain an understanding of the scale of objects.	60 minutes
3	Powers of 10 Poster	Student group discussions and Whole class discussion	Students discuss where certain items would be placed on a poster displaying the Powers of 10. This helps them get a visual of the scale of objects.	30 minutes
4	Solutions Bead Lab	Whole Class discussion, Laboratory activity	This activity helps students visualize how substances dissolve in solutions at the molecular level	40 minutes
5	Solutions and Suspensions	Whole class discussion, Laboratory activity	This lab allows students to establish patterns that will lead them to identification of the different types of mixtures.	80 minutes