**Module 8- Video Review Questions**

**View the video** [Magnesium Alloys](https://youtu.be/92crjyvc7E4) (9:57)

As you watch the video, consider answers to the following questions to prepare for the group activity and exams:

1. What current demands—both social and economic--are leading materials scientists to develop lightweight materials for use in the 21st century?
2. How do the properties of existing materials limit the design of products like automotive vehicle bodies or airplane parts?
3. What new technologies are allowing scientists to develop and apply lightweight materials for industrial use?
4. What will it take to make lightweight materials widely usable?
5. How might the growing use of lightweight materials in one industry affect other manufacturers, suppliers, or inventors? In other words, might these new materials cause any creative destruction in the same way that steel did in 19th century America?