Why do you think it’s important to include so many drainage layers? What do you think might happen without enough drainage?

Why might it be a good idea to introduce animals into a biosphere? Are there some animals that you wouldn’t want to add? Why not?

Why is it important to cap your biosphere? Why is it important that the biosphere is near a window? How does this relate to our lesson on the water cycle?

Apart from being smelly, what danger does mold and other fungus pose to your biosphere? How would mold affect the plants, the animals (if present), and the non-living parts of your biosphere?

Would animals or invasive mold be able to survive in the biosphere without the plants? Why or why not?

How else could you have designed your biosphere, using the provided materials or different ones? Draw your alternative design in the space below.

How might these design changes impact your biosphere, especially the plants and/or animals?