

Pre-Test – Answer KEY

1. Testing predictions is the first step in the Scientific Method.

☒ False☐ True
2. Riverine microplastics are generally only found near urban areas.

☒ False☐ True
3. The scientific method changes per expertise, so ecologists, cancer scientists, and engineers all practice their methods using different principles.

☒ False☐ True
4. The words *theory*, *hypothesis* and *fact* all essentially mean the same thing -- you choose which to use based on conversational context.

☒ False☐ True
5. If experimental results don't match the predication you made, your experiment is a failure.

☒ False☐ True
6. Microplastics can't enter the food web.

☒ False☐ True
7. Do you consider yourself part of the scientific community?

☐ No☐ Yes
8. Do you use single-use plastics?

☐ No☐ Yes
9. Do you own clothing made of synthetic microplastics?

☐ No☐ Yes
10. If you witness a unique behavior of nature (e.g. a mama bear teaching her cubs to steal seeds from your birdfeeders), how likely are you to participate in the process of science? (Circle: 1 = “never!” to 10 = “every time”)

1—2—3—4—5—6—7—8—9—10