

Comparing Science and Engineering Practices (Answer Key)

Identify the main scientific and engineering practice needed to do the underlined directions.

Practice	Station 1 A Matter of Soils		Station 2 Getting to Know a Flower	Station 3 The Melting of Ice	Station 4 The Earth: An Eggxample	Station 5 The Life of Yeasts	Station 6 Crickets		Station 7 Cartesian Diver
	Soil A	Soil B					Crickets A	Crickets B	
Asking questions and defining problems						asking questions			
Developing and using models			models (if drawing is for understanding)		models				
Planning and carrying out investigations	investigations								
Analyzing and interpreting data		data (if chart is for analysis)					data		
Using mathematics and computational thinking								math	
Constructing explanations and designing solutions				explanations					
Engaging in discussions from evidence									discussions
Obtaining, evaluating, and communicating information			communicating (if drawing is to share info)						

(Adapted from California Academy of Sciences)