

# Released Items

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## NCEXTEND1 Grade 5 Science

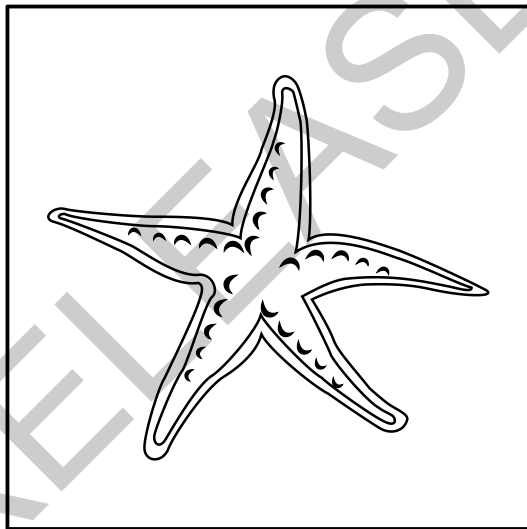


**Public Schools of North Carolina**

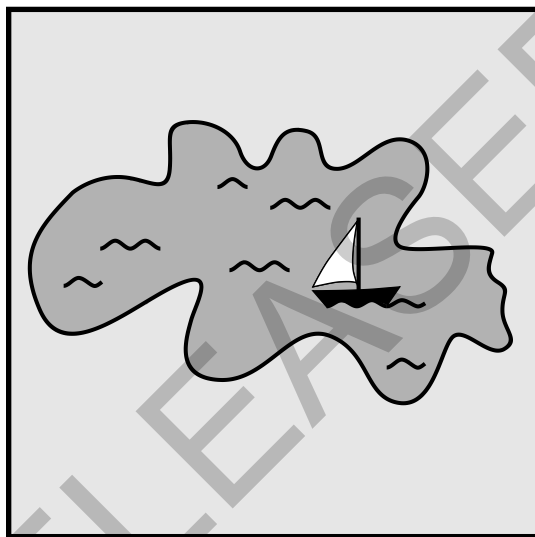
Department of Public Instruction | State Board of Education

Division of Accountability Services/North Carolina Testing Program

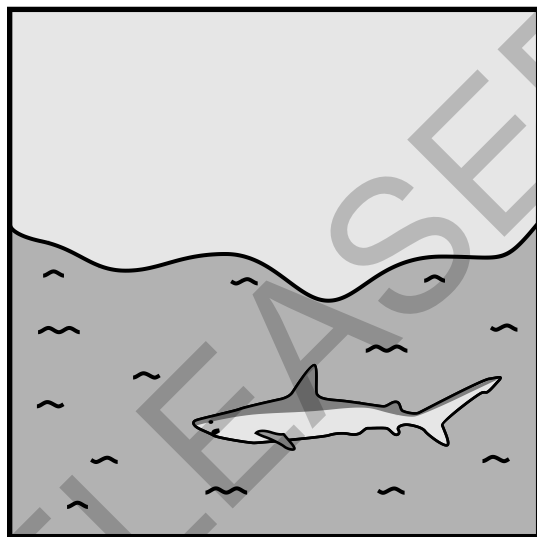
This picture shows a starfish. Starfish live in saltwater.



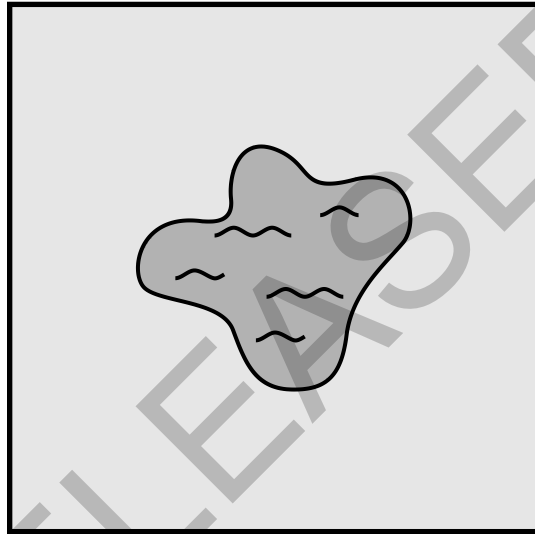
In which ecosystem do starfish live?



lake



ocean



pond

Sarah mixes two liquids. What would show that a new substance formed?

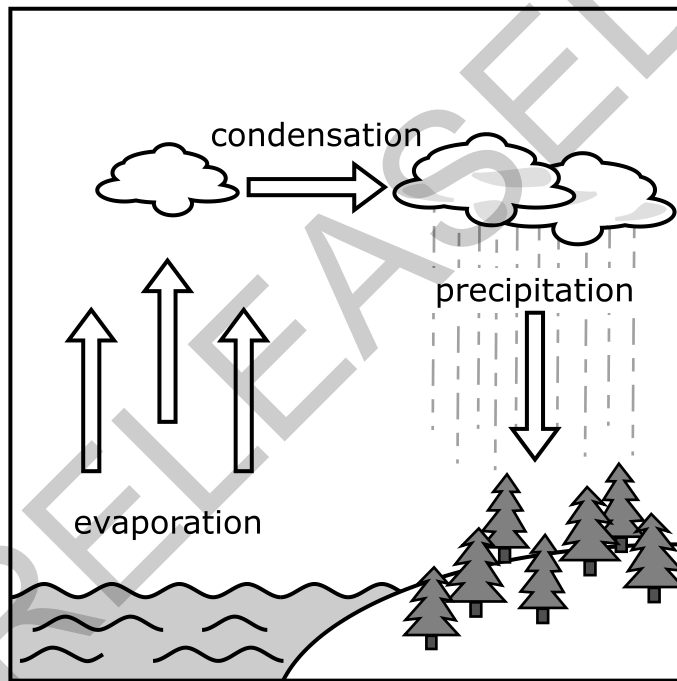
A solid appears in the mixed liquids.



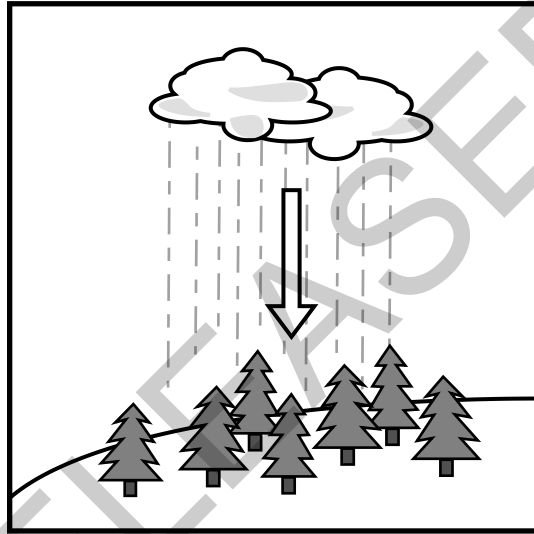
The volume of the mixed liquids stays the same.

The temperature of the mixed liquids stays the same.

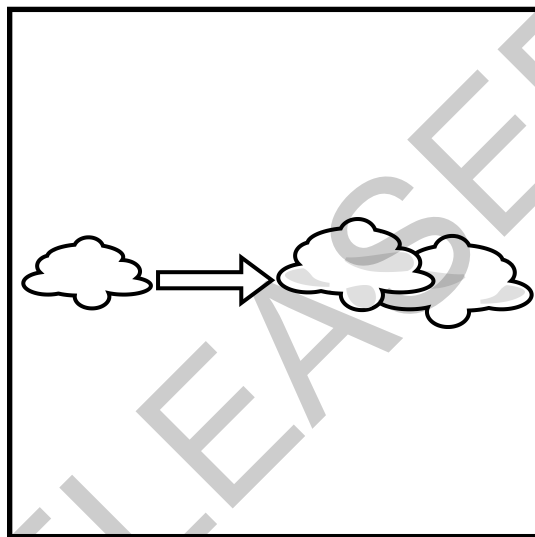
This picture shows the water cycle.



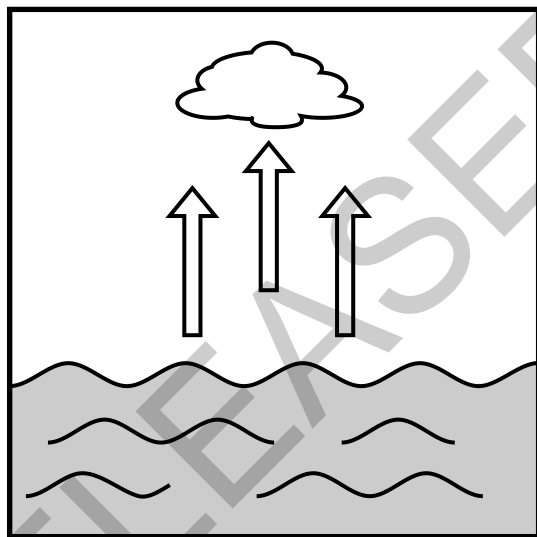
In which part of the water cycle might it snow?



precipitation



condensation



evaporation

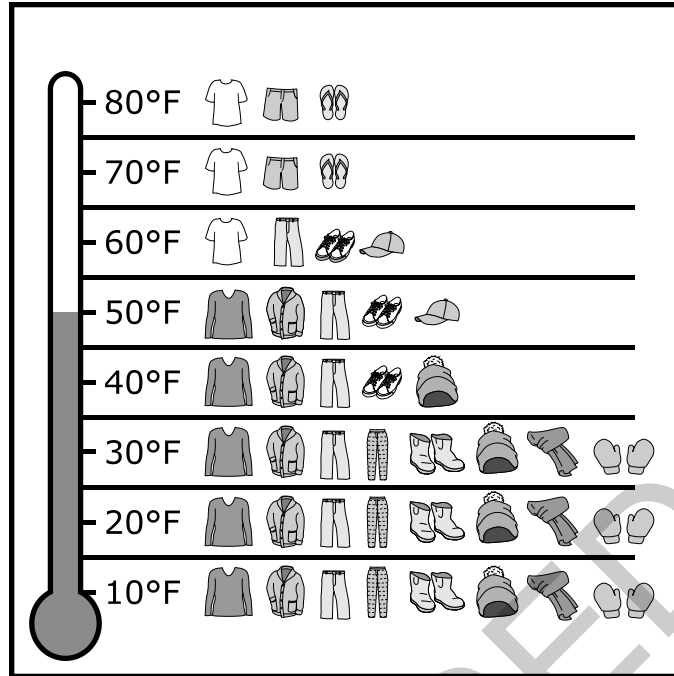
**Questions 4–5 are part of an item set.  
Use the following information to answer  
the questions.**

## **Min's Temperature Chart**



Min woke up ready to start her day. She looked at the thermometer outside her bedroom window and thought, "It won't be too cold or too hot today."

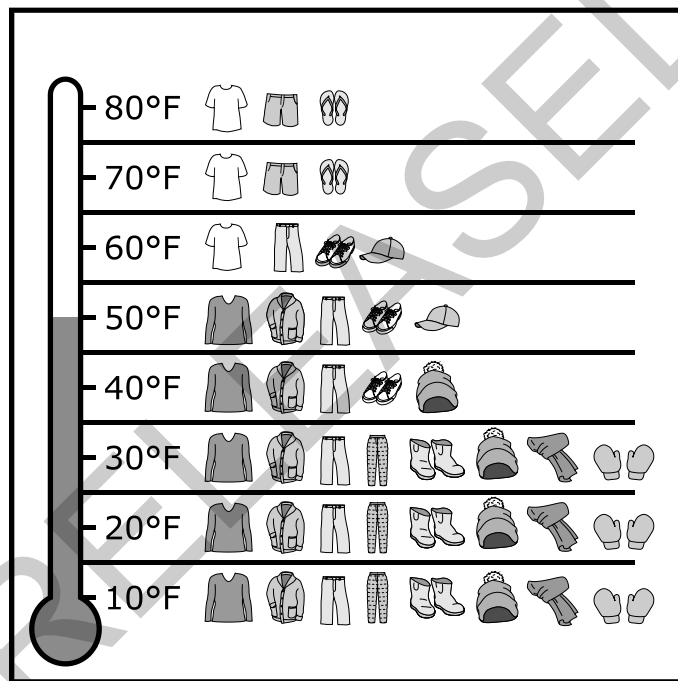




Min looked at a clothing chart her parents made for her. The chart showed a thermometer and the best kinds of clothing to wear, based on temperature.

Min picked out her clothes and was ready to start the day.

Min's chart is shown below.



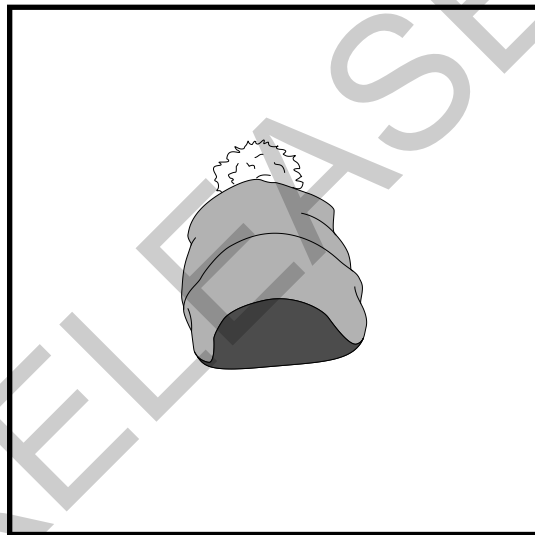
How would Min's outfit be different if the temperature were 60°F?

Her shoes would be different.

Her hat would be different.

Her shirt would be different.

The picture below shows a wool hat from Min's chart.



Why should Min wear the hat on cold days?



The wool hat keeps her body cold.

The wool hat keeps her body warm.

The wool hat can get wet.

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**Answer Key**

<b>Question Number</b>	<b>Key</b>	<b>Standard</b>
1	B	LS.5.2.1
2	A	PS.5.1.2
3	A	ESS.5.1.4
4	C	ESS.5.1.2
5	B	PS.5.1.3