

Are You A Weather Wiz?

- *Question Fan
 - *Journal Questions
 - *Question Task Cards
- all weather related



Journal Question:

What makes weather change?

Weather changes from many different factors.

rubric

- 8 Great explanation - very scientific!
- 2 Close - just need a few more details!
- 1 Not quite - we should talk!





Teacher's Page



This product contains 40 open-ended questions that vary in difficulty according to Bloom's Taxonomy all related to weather concepts. These 40 questions are presented in three different ways for your preference. All three styles, fan strips, journal questions, and task cards, all contain the same 40 questions.

The long strips can be pinned together through the use of a brad or a reading ring for whole group or small group instruction. Teachers can use them as a fan of questions for attention grabbers at the beginning of your weather unit or as thought provoking questions during a unit.

The half sheet journal response page can be used with the journal strip questions as an exit ticket, research, as a center, or as an assessment. Further, if you wish you can have students cut the strip and glue into their science notebook instead. There are 20 of the same question to a page to help you reduce copies.

The task cards are a great way to provide the questions to students during literacy centers or science centers. These can be used independently or with partners.

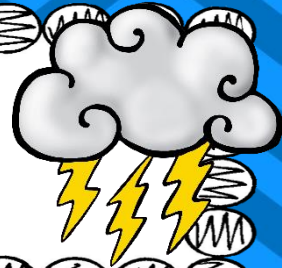
These questions provide more detail when printed in color; however, they can be printed in grayscale to save on ink. It is recommended that they are printed, cut, and laminated for repeated use.

This is a great way to save time while gaining feedback on your students' understanding of weather concepts.



What makes weather change?

What are the parts of the water cycle? Explain.



Explain how water and climate are related.

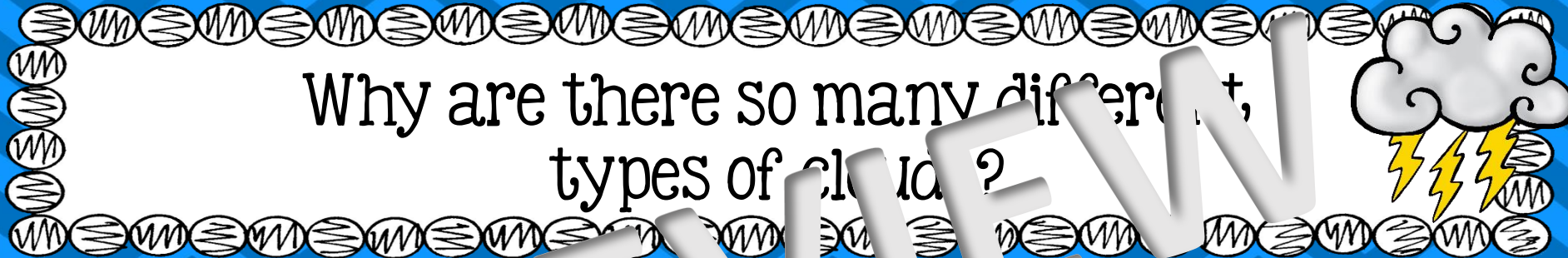


How do you know that air is around you?





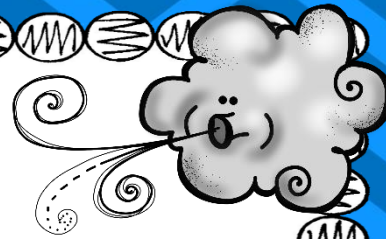
Where does the water from rain come from? Explain.



Why are there so many different types of clouds?



How do clouds form?

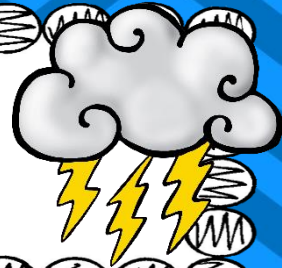


Describe some kinds of severe weather.



What would life be like if we could control the weather?

Which type of precipitation do you think is the worst? Explain why.



What is a meteorologist?



Can animals actually predict weather, such as a groundhog seeing his shadow?



Name _____

Journal Question:

Glue here

Name _____

Journal Question:

Glue here

Rubric

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Rubric

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W•E•A•T•H•E•R W•I•Z

Why is it hotter at the equator?

17



W•E•A•T•H•E•R W•I•Z

What elements make up weather?

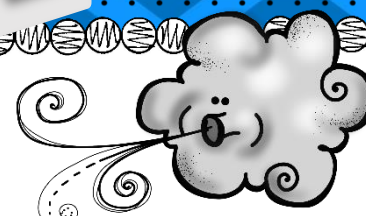
18



W•E•A•T•H•E•R W•I•Z

Why is air pressure not the same at every point on earth?

19



W•E•A•T•H•E•R W•I•Z

Compare and contrast hurricanes and tornadoes.

20



W•E•A•T•H•E•R W•I•Z

Do seasons cause the
weather to change?
Explain.

3 3



W•E•A•T•H•E•R W•I•Z

How does thunder happen?

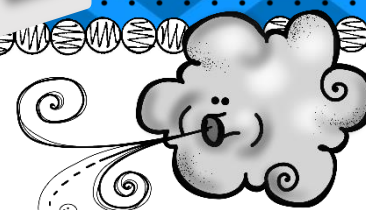
3 4



W•E•A•T•H•E•R W•I•Z

What is humidity?

3 5



W•E•A•T•H•E•R W•I•Z

Do all clouds bring rain?
Explain.

3 6