



Math



Literacy

AG-VENTURE WITH WATER

Use the IAITC Water Ag Mag to help you work through this worksheet!

Choose one of the four water quotes inside the Ag Mag and explain what you think it means. Then, provide evidence from the rest of the Ag Mag to support your explanation.

Convert these water statistics into fractions or percentages!

- 3% of the water on Earth is fresh water.
- 70% of Earth's surface is water.
- 40/100 of the nation's migratory birds are provided habitats from the Mississippi River.

Can you figure out the hidden message? Unscramble the words and fill them into the blank boxes below the scrambled word. Then use the number clues to fill in the hidden message!

PDHIAEWSSTR

20	18	1	6	10										

QYITUAL

3							13

SALBTYTNIIUIAS

4	9												7			

HRESF

12	2				

CEYLC

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ETIALNSSE

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TEACHER RESOURCES

ANSWER KEY

Choose one of the four water quotes inside the Ag Mag and explain what you think it means. Then provide evidence from the rest of the Ag Mag to support your explanation.

Answers will vary but should focus on how every living thing relies on water for survival. In order for humans to continue growing food, we must practice conservation of fresh water, which is a limited resource. Students should add specific information from the Ag Mag to support their answer. Higher grades should cite where in the Ag Mag they found their supporting evidence.

Convert these water statistics into fractions and/or percentages!

1. 3% of the water on Earth is fresh water.

3/100

2. 70% of Earth's surface is water.

70/100 AND 7/10

3. 40/100 of the nation's migratory birds are provided habitats from the Mississippi River.

40% AND 4/10

Can you figure out the hidden message? Unscramble the words and fill them into the blank boxes below the scrambled word. Then use the number clues to fill in the hidden message!

PDHIAEWSSTR

S	T	E	W	A	R	D	S	H	I	P
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QYITUAL

Q	U	A	L	I	T	Y
	3				13	

SALBTYTNIIUIAS

S	U	S	T	A	I	N	A	B	I	L	I	T	Y
4			9										7

HRESF

F	R	E	S	H
	12		2	

CEYLC

C	Y	C	L	E
		14		8

ETIALNSSE

E	S	S	E	N	T	I	A	L
11	16		17	15	5			19

W	E
1	2

M	U	S	T
3	4	5	

W	O	R	K
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T	O	G	E	T	H	E	R
7		8	9	10	11	12	

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C	O	N	S	E	R	V	E
14	15	16	17	6		18	

W	A	T	E	R	!
1	19	20	8	6	