Book Study:

THE BRILLIANT DEEP

By Kate Messner

Literacy activities created by:
The Curriculum Corner
Share one coral reef fact.
What I’ve learned about Ken Nedimyer’s Childhood

Find facts and complete the graphic organizer. You will need to use the book and research on-line to find the answers.

Ken Nedimyer was born in
_______________________
(place)
Birth date: ____________

Share something you learned about Ken’s father.

Tell about what Ken loved most when he was a child.

Color the state where Ken was born blue.
Color the state where you live red.

Name: ______________________

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Ken Nedimyer was born and grew up in Florida near The Kennedy Space Center.

Ken’s father worked for NASA. He was an engineer who was a part of the team who sent unmanned rockets and then astronauts into space.

As he grew up, Ken grew to love the ocean. He watched TV shows about Jacques Crousteau who explored the ocean.
Ken loved to swim in the ocean. He especially loved the reefs he could explore in the Florida Keys.

When he was old enough, Ken learned to scuba dive. He also began collecting fish he could study.

He loved the coral reefs but one summer he noticed that the corals were losing their color and he spotted fewer fish. The sea urchins were starting to die.
When he grew up, he opened a live rock farm in the Florida Keys.

Ken found a staghorn coral on his live rock farm in the ocean.

Ken worked with his daughter to cut and grow more and more corals.
Ken took the coral he grew and transplanted six coral colonies to the reef he had explored as a child.

Ken began a group called the Coral Restoration Foundation. These volunteers worked to restore the reefs.

The volunteers work to transplant coral colonies so that they can survive and grow.
Ken Nedimyer was born and grew up in Florida.
Ken learned to love the ocean and its creatures.
His favorite spot was in the ocean.
<table>
<thead>
<tr>
<th>Do</th>
<th>you</th>
<th>know</th>
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<tbody>
<tr>
<td>how</td>
<td>Ken</td>
<td>helps</td>
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<tr>
<td>the</td>
<td>reefs</td>
<td>?</td>
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</table>
Sea urchins are needed to keep reefs healthy.
The volunteers are working to save the reefs.
a community of creatures that live in corals undersea

a type of glue

a glass box for fish and sea plants

a spiny sea animal that is very important to the health of coral reefs

a hard skeleton that covers the bodies of some invertebrates

relating to the sea
to move from one place to another

an organism that mainly lives undersea, similar to a plant but doesn’t have roots, stems or leaves

an important task or duty
### Thinking about Ken Nedimyer

<table>
<thead>
<tr>
<th>Name: ______________________</th>
<th>Thinking about Ken Nedimyer</th>
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<tbody>
<tr>
<td>What do you know about coral reefs? If you don’t know about coral reefs, what do you know about the ocean?</td>
<td>SCHENA</td>
</tr>
<tr>
<td>Share how you felt as you read the page that starts with “One summer, hotter than the rest,” what you saw in your head &amp; questions you have.</td>
<td>THINKING</td>
</tr>
<tr>
<td>Share what connections you can make to the reading. (It might be about shows you have watched, a trip to the beach or a visit to the aquarium.)</td>
<td>CONNECTIONS</td>
</tr>
<tr>
<td>Share how your thinking has changed or what you understand now that you did not before. Or, share how what you have read has made you feel.</td>
<td>SYNTHESIZING</td>
</tr>
</tbody>
</table>
Name: _______________________

Problem & Solution

A problem Ken faced:

__________________________________

__________________________________

This is what the text told me about the solution:

This is what the text told me about the problem:
<table>
<thead>
<tr>
<th>optimistic</th>
<th>intelligent</th>
<th>adventurous</th>
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<tbody>
<tr>
<td>capable</td>
<td>compassionate</td>
<td>determined</td>
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<tr>
<td>dedicated</td>
<td>skillful</td>
<td>enthusiastic</td>
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</table>
Supporting Your Beliefs

Use the book to complete the graphic organizer.

One word that can describe Ken is:

Share three events or ideas from the book that support your word.

Name: ______________________
## Cause & Effect

Name two events that happened in the book. Next, write the effect each event had.

<table>
<thead>
<tr>
<th>Cause</th>
<th>Effect</th>
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<td><strong>CAUSE</strong></td>
<td><strong>EFFECT</strong></td>
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<tr>
<td>He learned that many things are possible if you set your mind to it.</td>
<td>Ken loved learning about the ocean.</td>
</tr>
<tr>
<td>Ken watched his father work to send rockets and astronauts into space.</td>
<td>He visited the ocean whenever he could.</td>
</tr>
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</table>
Ken and his daughter used the first coral to grow more and more corals.

Ken glued six small coral colonies on a reef that had died.

Each month the coral colonies grew larger.

Ken started a group called the Coral Restoration Foundation.

Volunteers are working to restore coral reefs that have died.
Name: ______________________

The Brilliant Deep

Making Connections

Text-to-World Connection

something from the text    something from the world

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Making Connections

Text-to-Self Connection

something from the text  something from my life

Name: ______________________
The Brilliant Deep

Making Connections

Text-to-Text Connection

something from the text  something from another book

Name: ______________________

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Sensory Images

Pick a sentence or phrase with descriptive wording. Copy the phrase and illustrate what you visualize when reading the words.
Read the page towards the back of the book with the heading "What happened to the coral reefs?" What can you do to help the coral reefs? Use words and pictures to share your plan.
What would he say?

Write a Facebook post Ken might share to encourage others to help him on his mission.
Making Words

Use the letters in the word below to make new words. List all of the real words you think of.

Coral Reef

Name: ______________________

__________________________  __________________________
__________________________  __________________________
__________________________  __________________________
__________________________  __________________________
__________________________  __________________________
__________________________  __________________________
__________________________  __________________________
__________________________  __________________________
Name: ______________________

Making Words
Use the letters in the word below to make new words. List all of the real words you think of.

Underwater

__________________________________________

__________________________________________

__________________________________________

__________________________________________

__________________________________________

__________________________________________

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Making Words

Use the letters in the word below to make new words. List all of the real words you think of.

Saltwater

______________________________

______________________________

______________________________

______________________________

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______________________________

______________________________

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______________________________

______________________________

______________________________
How can Ken's work inspire you?
Why do you think Ken uses the coral he grows to rebuild the reefs instead of selling it?
Why do you think saving the coral reefs is important?
Research
Research to find facts about coral reefs.
Share what you learn using words and pictures.
It starts with one.

Use words and pictures to show what you think this sentence means.
It seemed like just about anything might be possible if you set your mind to it.

Use words and pictures to show what you think this sentence means.
Visit the following website:
Name www.coralrestoration.org

Use words and pictures to share what you learn.