

Analyze a Repeated Sequence

The Three Silly Billies - Grade K - Short lesson

TIME

OBJECTIVE

17 minutes Find the steps that repeat every time a new traveller reaches the bridge, and say what grows across the repetitions.

PRODUCT

The four repeating steps, and what builds up Essential question: The same four things happen four times. What is different by the end?

Materials

Text to mark

• The book	• Passage 13 - the same question, the same picture
• One steps sheet	• Passage 21 - Baby Bear joins in, in a shirt lettered JUS RITE
each	

- Prepared passages: Passage 13, Passage 21, Passage 24, Passage 38
- Passage 24 - the sound of somebody coming, and a sign reading

TOLL \$1

Lesson sequence

1 Launch - 3 min

- Passage 38 - room for one more

Focus:	A page that is a warning
Teacher direction:	Read the page that is only a sound, three times over in big letters. Ask the class what it means is about to happen. By the third time in the book they will know.
Prepared text:	Passage 24 2 Teacher model - 5 min

Teacher model:	I read the sound page and then the question page, and I point out that the question page is the same picture as the first time, printed again. The book is not just repeating the words. It is repeating the picture too, so the page itself tells me we are going round again.
Prepared text:	Passage 13, Passage 24 3 The four steps of every arrival - 9 min
Focus:	Sound, question, refusal, invitation
Teacher direction:	Using Passages 13, 21 and 38, write the steps that happen every time somebody new comes to the bridge.
Expected answer:	First comes the sound of somebody on the bridge, printed big. Then the Troll shouts his question, wanting to know who is crossing. Then the new arrival says who they are, and the Troll turns them down because they cannot pay. Then one of the billies calls out an invitation to join them, and the new arrival climbs in - Baby Bear asks for his water wings, and later Billy Bo tells Jack to put his two cents in over here. Then it all begins again with the sound.
Student product:	Four steps, in order, with an example of each
Prepared text:	Passage 13, Passage 21, Passage 38

Support & extension

Above: The pattern breaks on the last round. Explain what happens instead, and why it could not have worked earlier.

Below: Fill the four boxes in order, then write what got bigger every time.

Assessment

- Puts the sound before the Troll's question
- Says the Troll asks who is crossing his bridge
- Says the new arrival cannot pay
- Says the billies invite them into the pool
- Says the pool gets fuller every time round