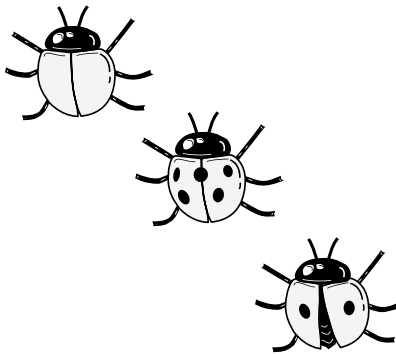


Imagine that your science class is studying insects. Read "Ladybugs" as if you had been assigned to write a report about the lives of ladybugs. After reading the passage, answer the questions as if you were preparing your report.

## Ladybugs



- 1 Ladybugs are tiny beetles. They live all over the world. There are thousands of different kinds of ladybugs. Four hundred different types live in North America alone.
- 2 These little insects do not develop spots right away. Their colors are light, but they quickly get darker as the ladybugs grow up. Some ladybugs are red with no spots. Some are black with two red spots. Most are red with black spots.
- 3 The adult female ladybug lays many eggs. Tiny larvae, or baby ladybugs, hatch. They look a little like very small alligators. The larvae eat tiny bugs for two weeks. Then they form a case called a "pupa." In one to two weeks an adult ladybug comes out of the pupa. Amazingly, ladybugs don't have what we call "childhood."
- 4 Ladybugs are active when it is warm, but they sleep in cool weather. In winter the insects gather together. They often gather near pine trees and other evergreen plants. That is where people look for ladybugs. Some people look for ladybugs to sell. These people collect hundreds of ladybugs. They pack the ladybugs in boxes with pinecones and pine needles. Some people think this keeps the ladybugs happy.

5 Who would want to buy ladybugs? Gardeners buy them because ladybugs eat aphids. Aphids are tiny bugs that eat plants. They can destroy a garden. Aphids are a ladybug's favorite food. People let the ladybugs loose in their gardens. The ladybugs eat the aphids and protect the plants.

6 Ladybugs climb along plants. They touch the aphids with their antennae. Then the ladybugs have lunch. A ladybug can eat 50 aphids in one day. Some eat up to 2,000 aphids during their lives. This saves many plants.

7 Do any animals like to eat ladybugs? Sometimes birds eat them. Tree frogs and lizards eat them too. However, the cute little ladybugs have a secret weapon to protect themselves. They give off a smelly substance. It tastes bad too. They also have a hard cover over their wings. These things often protect ladybugs from being eaten.

8 Next time you see a ladybug, think about how important it is. It may be small, but it does a big job in the world.

**What type of insect is a ladybug?**

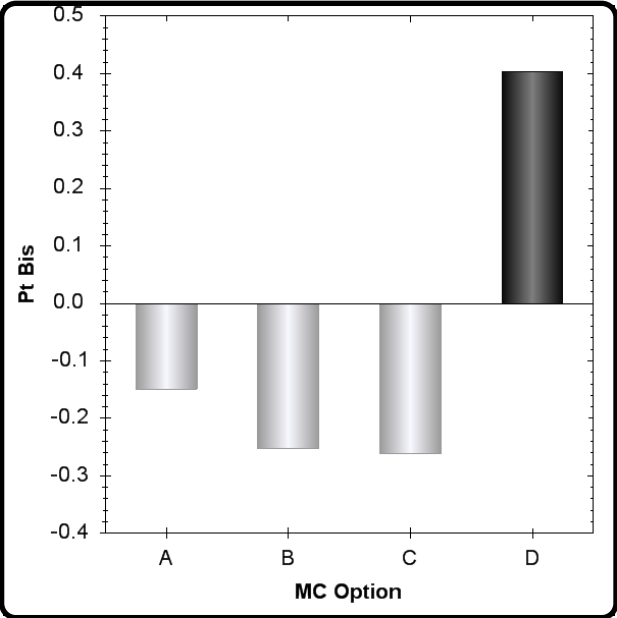
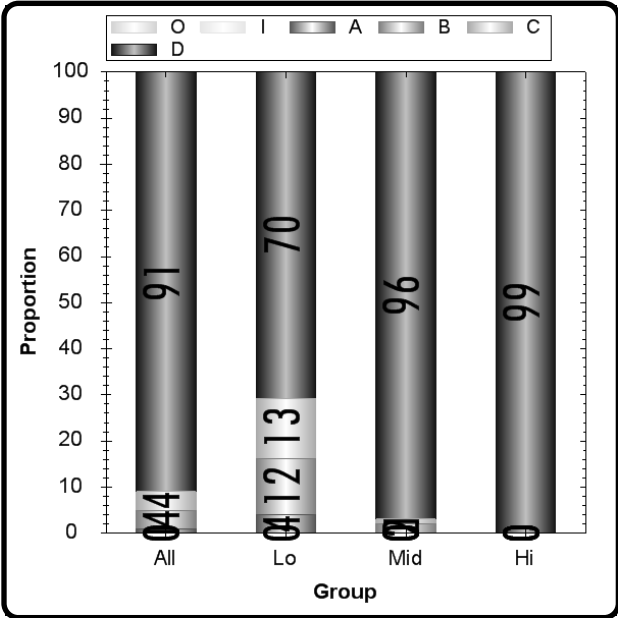
- A** An ant
- B** A fly
- C** An aphid
- D** A beetle

Type	Max Points	Key	N Count	Item Mean	Discrimination
Multiple Choice	1	D	6119	0.912	0.403

Rasch Diff	Diff SE	Infit	Outfit
-3.721	0.048	0.880	0.660

	A	B	C	D	Omit	Invalid
All	1	4	4	91	0	0
Low Scorers	4	12	13	70	0	0
Middle Scorers	0	2	1	96	0	0
High Scorers	0	0	0	99	0	0

MC Item Option Discriminations			
A	B	C	D
-0.149	-0.253	-0.261	0.403



Notes:

Non SPED students may perform better on this item as compared to SPED students. (C)

Non LEP students may perform better on this item as compared to LEP students. (C)

**How do ladybugs search for aphids?**

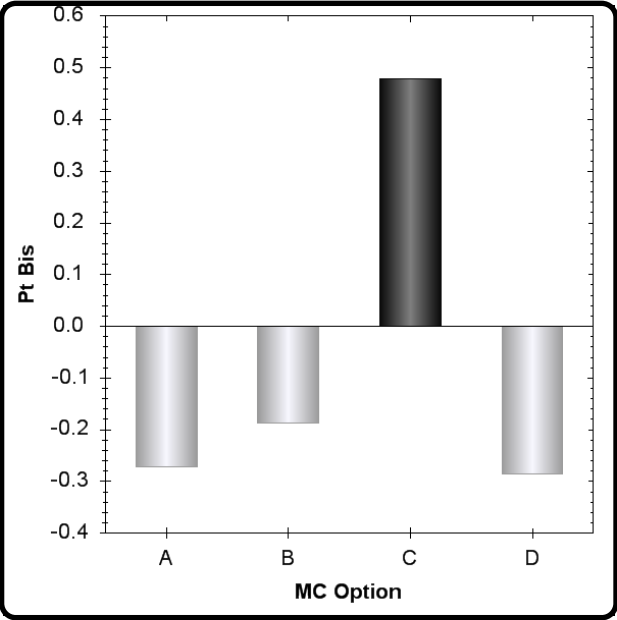
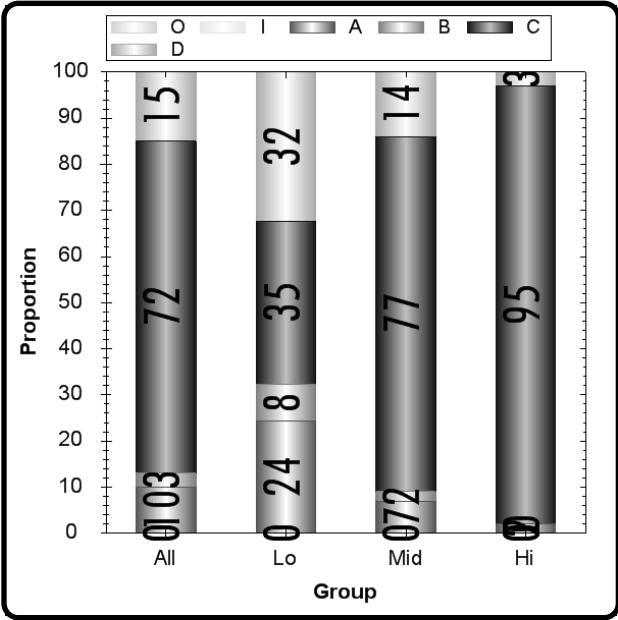
- A** Ladybugs work together to find them.
- B** Ladybugs see them through pinecones.
- C** Ladybugs touch them with their antennae.
- D** Ladybugs eat them while sitting on plants.

Type	Max Points	Key	N Count	Item Mean	Discrimination
Multiple Choice	1	C	6119	0.722	0.479

Rasch Diff	Diff SE	Infit	Outfit
-1.779	0.031	0.860	0.800

	A	B	C	D	Omit	Invalid
All	10	3	72	15	0	0
Low Scorers	24	8	35	32	0	0
Middle Scorers	7	2	77	14	0	0
High Scorers	2	0	95	3	0	0

MC Item Option Discriminations			
A	B	C	D
-0.272	-0.187	0.479	-0.286



Notes:

**Based on the passage, which of these animals eats ladybugs?**

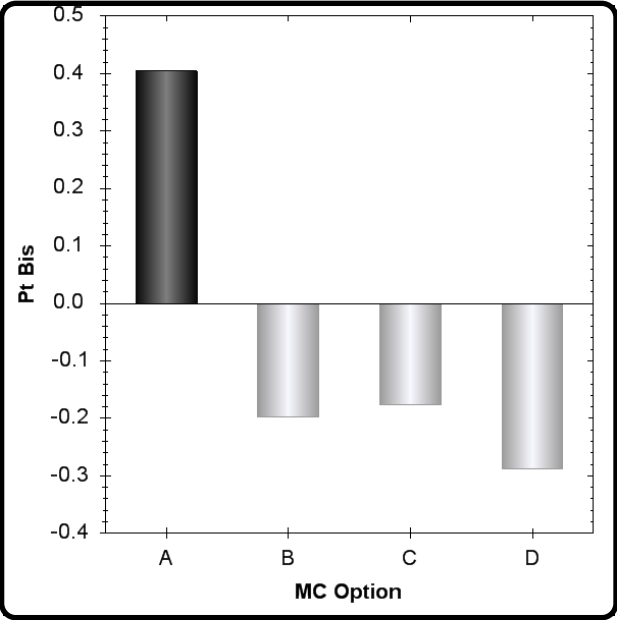
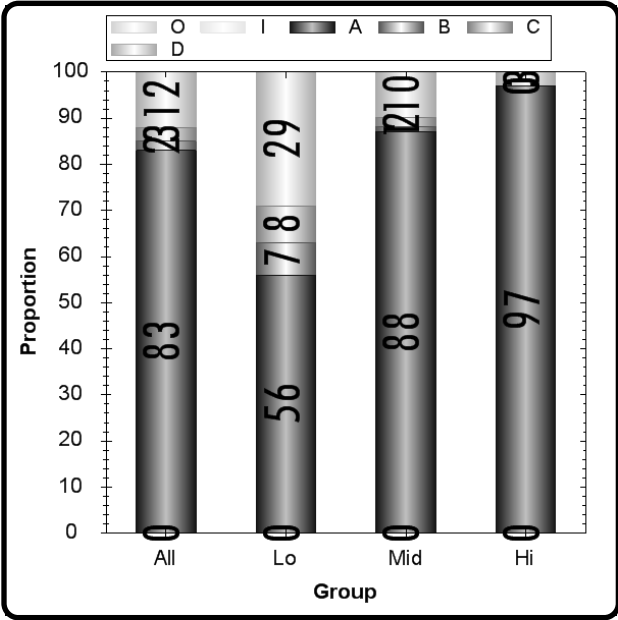
- A** Lizards
- B** Butterflies
- C** Alligators
- D** Spiders

Type	Max Points	Key	N Count	Item Mean	Discrimination
Multiple Choice	1	A	6120	0.827	0.405

Rasch Diff	Diff SE	Infit	Outfit
-2.540	0.035	0.850	0.780

	A	B	C	D	Omit	Invalid
All	83	2	3	12	0	0
Low Scorers	56	7	8	29	0	0
Middle Scorers	88	1	2	10	0	0
High Scorers	97	0	0	3	0	0

MC Item Option Discriminations			
A	B	C	D
0.405	-0.198	-0.176	-0.288



Notes:



3338593

**How do ladybugs help gardeners? Use details from Paragraph 5 to support your answer.**

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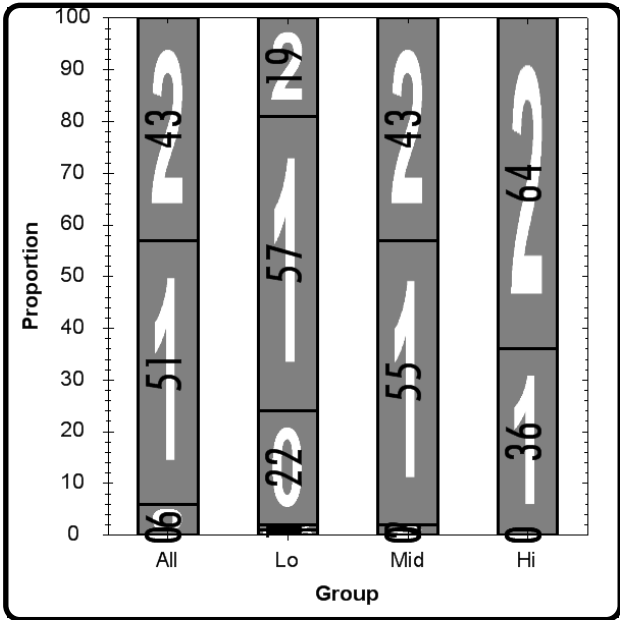
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<b>Grade 3</b>	<b>Reading</b>	<b>CID 3338593</b>
<b>Item # 7</b>	<b>Form OP1</b>	<b>2006 OP, 2005 FT</b>
<b>Psg : Ladybugs_LB</b>	<b>R.03.E.1 Major Points/Details</b>	

Type	Max Points	N Count	Item Mean	Discrimination
Short Answer	2	6091	1.375	0.405

Rasch Diff	Diff SE	Infit	Outfit
-2.241	0.025	1.070	1.090

	0	1	2	Omit	Invalid
All	6	51	43	0	0
Low Scorers	22	57	19	1	1
Middle Scorers	2	55	43	0	0
High Scorers	0	36	64	0	0



Notes:

Non SPED students may perform better on this item as compared to SPED students. (C)

- 1 How do ladybugs help gardeners? Use details from Paragraph 5 to support your answer.**

## Grade 3

**Skill: Expository Texts – Read to understand a text’s major points and supporting details.**

**Context:** These texts include such things as textbooks, encyclopedias, biographies, scientific explanations, and historical and political analyses. These are usually read to learn new information that increase a reader’s understanding of some topic.

**Evaluative Criteria:**

**Accuracy**

The reader identifies the major points and distinguishes the major points from the supporting details.

**Relevance**

The reader demonstrates that the reader has an understanding of the text’s main ideas and the relevance of the details to support each main idea.

**Sufficiency**

The reader provides an adequate amount of information to demonstrate that the reader has an understanding of the major points and key details supporting each.

**Rubrics:**

Score	Definition
2	Main ideas and details from the text are accurate, logically connected to each other and to the task, and sufficient to support the reader’s position.
1	Main ideas and details from the text are generally accurate and connected to each other and to the task, but are insufficient or inappropriate to support the reader’s position.
0	The response does not address the task. The response provides few or no accurate details from the text, and these details are not relevant to the task.

1 lady bugs help by eating  
aphids aphids are tiny bugs  
that eat plants and gardens  
People collected them  
in boxes and sell them  
So people don't have  
dead gardens.


Anchor 2

<sup>1</sup> Lady bugs eat the bugs called aphids that eat the plants from a garden. Aphids are one of the lady bugs favorite food. The people let the lady bugs loose in the garden to eat the aphids.

Anchor 2

'Lddy	bugs	eat	afids
and	afids	eat	plants

**Anchor 2**

<sup>1</sup>  
 Ladybugs help gardeners by eating  
aphids or tiny bugs off the  
plants. The gardeners care about  
this because it keeps their  
plants alive.

Anchor 1

1	because they eat aphids.

**Anchor 1**



<sup>1</sup> Keep the garden grow.

**Anchor 1**

<sup>1</sup> By eating the lives that is wat  
helpes the garden to stay alive.

**Anchor 0**

<sup>1</sup> They eat alpha to make  
sure that they don't have  
poison

**Anchor 0**

1

They help by getting food for them and  
carry their babies.

**Anchor 0**

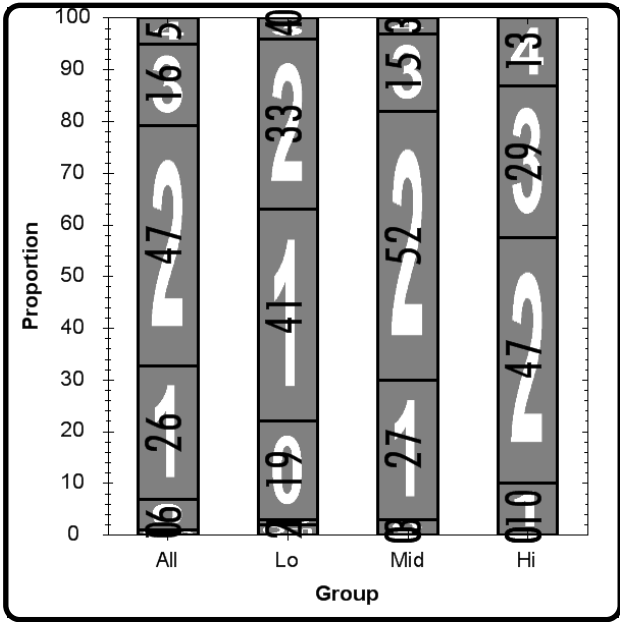


<b>Grade 3</b>	<b>Reading</b>	<b>CID 3338637</b>
<b>Item # 8</b>	<b>Form OP1</b>	<b>2006 OP, 2005 FT</b>
<b>Psg : Ladybugs_LB</b>	<b>R.03.E.3 Information Relationships</b>	

Type	Max Points	N Count	Item Mean	Discrimination
Open Ended	4	6075	1.896	0.441

Rasch Diff	Diff SE	Infit	Outfit
-0.802	0.018	1.200	1.210

	0	1	2	3	4	Omit	Invalid
All	6	26	47	16	5	1	0
Low Scorers	19	41	33	4	0	2	1
Middle Scorers	3	27	52	15	3	0	0
High Scorers	0	10	47	29	13	0	0



Notes:

White students may perform better on this item as compared to Am. Indian students. (B)

- 2 **What would most likely happen if ladybugs stopped eating aphids? Use details from the passage to support your answer.**

## Grade 3

**Skill: Expository Texts – Read to understand how the information in the text fits into broader topics and issues.**

**Context:** These texts include such things as textbooks, encyclopedias, biographies, scientific explanations, and historical and political analyses. These are usually read to learn new information that increase a reader’s understanding of some topic.

**Evaluative Criteria:**

**Accuracy**

The reader uses the main concepts of the text and accurately relates them to commonly understood concepts about the world.

**Relevance**

The reader uses the information in a text to make connections to develop a comprehension of commonly understood concepts.

**Sufficiency**

The reader applies an adequate number of details from the text to indicate an understanding of the commonly understood concepts about the world they inform.

**Rubrics:**

Score	Definition
4	The response reflects an accurate understanding of the relationships between the main ideas and commonly understood concepts about the world. Main ideas are logically connected to commonly understood concepts about the world and to the task. Details are sufficient to support the reader’s position.
3	The response reflects an understanding of the relationships between the main ideas and commonly understood concepts about the world. Main ideas are logical, but lack strong connection to commonly understood concepts about the world and to the task. Details are minimally sufficient to support the reader’s position.
2	The response reflects some understanding of the relationships between the main ideas and commonly understood concepts about the world. Main ideas and details are mostly accurate, but are not well-connected to commonly understood concepts about the world or to the task. Details are not sufficient to support the reader’s position.
1	The response reflects little understanding of the relationships between the main ideas and commonly understood concepts about the world. Main ideas and details are generally not accurate and not well-connected to commonly understood concepts about the world or to the task. The argument is insufficient to support a position.
0	The response does not address the task. The response provides few or no accurate details from the text, and these details are not relevant to the task.

2

If ladybugs stopped eating aphids, there wouldn't  
 be a very good garden any where  
 because aphids eat the plants. With out ladybugs  
 eating them, there would be more aphids,  
 with more aphids plants would be destroyed.  
 So, we need ladybugs to eat aphids so  
 plants can stay healthy. Without ladybugs  
 eating aphids there <sup>really</sup> wouldn't be anymore  
 plants, because aphids would all  
 be eating them. Without ladybugs eating aphids,  
 we would most likely die because plants  
 produce oxigen, and with out that we can't  
 breath. That's what would most likely <sup>happen</sup> if  
 lady bugs stopped eating aphids.

Anchor 4



<sup>2</sup> There would be too many aphids and they would kill the plants. And if we didn't have plants the animals would not be able to live and if they couldn't live then we wouldn't have food and we would all die so it is actually really good to have lady bugs around because they help us stay alive.

<sup>2</sup> If ladybugs didn't eat the aphids. Then the aphids would eat all the plants. Then there will not be any plants and if there is no plants, there wouldn't be any food for people. It is like a food chain.

Anchor 4

<sup>2</sup> If ladybugs stopped eating aphids there would be no plants or fruit or vegetables and you wouldn't be healthy. There wouldn't be pretty any place in your garden. Also the ladybugs might starve! The gardener's would be terrified and the whole world would be messed up!

Anchor 3

<sup>2</sup> If lady bugs stopped eating aphids  
all of the farmers around the world  
would have ruined plants and  
vegetables and there would be too  
many aphids around the world.

Anchor 3

<sup>2</sup> 11 What would most likely happen if ladybugs quit eating aphids if nobody would be able to have a garden without it getting destroyed and ruin their gardens.

Also if that did happen you could not grow vegetables. You would have to start buying your vegetables.



If the ladybugs stopped eating  
 aphids our gardens and plants  
 would be in trouble. They would  
 be in trouble because the  
 aphids would eat them with  
 nothing to stop them. We need  
 ladybugs on the earth and in  
 our gardens because they help  
 our plants live and grow with-  
 out predators.

<sup>2</sup> They might die if they stop eating.  
Aphids would wreck your plants. They  
might eat all the plants in the  
garden.

Anchor 2

<sup>2</sup> If the ladybugs would probly  
die without food.

**Anchor 2**



<sup>2</sup> Aphids would eat a lot of plants.

**Anchor 1**

<sup>2</sup> The lady bug can not die  
they will find more food.

**Anchor 1**

<sup>2</sup> The lady bugs would die, suffer. They wouldn't have any thing. They wouldn't get to go any where. They would have to stay home all day all night. They wouldn't get to have fun. They would have to stay home just watching TV.

Anchor 1

<sup>2</sup> The people would be sad if  
the ladybugs stop eating aphids.

Anchor 0

<sup>2</sup> because the lizards eat them

**Anchor 0**

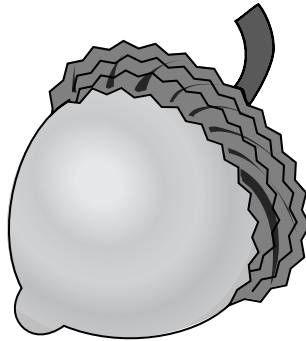
2

lady bugs climb along plants  
they touch the aphids with their  
antennae. then the lady bugs have  
scent. A lady lady bug can eat 50  
aphids a day.

Anchor 0

Imagine that your class is learning about what some people do when it is cold. Read "A Game of Toss the Acorn" as if you had been assigned to write a report about the story. After reading the story, answer the questions as if you were preparing your report.

## A Game of Toss the Acorn



- 1 When Ha Jin glanced out his window in the morning, he could not believe what he saw. The ground looked as if it had been covered with a huge white blanket. Winter had arrived!
- 2 Ha Jin put on his winter clothes for the first time in months. He could not find his gloves though, so he went into the kitchen and borrowed his mother's oven mitts.
- 3 "I'm going to go for a walk in the snow," Ha Jin told his mother as he passed her and headed out the door.
- 4 "Be careful," she said, "and don't lose my oven mitts."
- 5 A blast of cold air hit Ha Jin in the face when he opened the door and walked outside. It was colder than he had imagined. He stood on his front porch and stared at the white sheet of snow spread out before him. No one from his family had been outside yet. He spotted tiny bird footprints scattered across his yard, but he could see no other animal or human footprints. Ha Jin imagined that he was a famous astronaut about to walk on the moon for the first time.

6 He stepped down off the porch and slowly began walking through the snow. His boots were old and starting to fall apart, and he could feel the cold beginning to seep through them.

7 Ha Jin had taken about twenty steps away from his house when he felt something hit his head. He stopped.

8 "Hello?" Ha Jin said to the empty yard around him. "Is anyone there?"

9 There was no answer, but something else hit his head. The second object hurt. Like the ground around him, Ha Jin stood frozen. He was afraid to move. Another object hit him on the head. Then another one. Ha Jin wanted to yell for his mother, but he didn't.

10 Finally, Ha Jin saw an object fall directly in front of him. It was an acorn. He looked up and noticed two playful squirrels tossing acorns at him. Ha Jin breathed a sigh of relief and laughed.

11 "You silly squirrels scared me," he said, shaking his fist at them.

12 The squirrels scampered off and Ha Jin continued his walk, proud to be the first brave explorer to journey through this newly fallen blanket of snow.



03Rsto305M2060

3338478

**Read this sentence from the story.**

**When Ha Jin glanced out his window in the morning, he could not believe what he saw.**

**What does the sentence show about Ha Jin?**

- A.** Ha Jin was amazed with the newly fallen snow.
- B.** Ha Jin did not want to go out in the cold.
- C.** Ha Jin did not expect to see animal tracks.
- D.** Ha Jin was calmed by the whiteness of the snow.

CID: 3338478	READING				Gr3		R.3.N.1	Max Pts: 1	Key: A				
FT05					Multiple Choice			A Game of Toss the Acorn					
N Cnt: 1974					Mean: 0.790			Corr: 0.386					
	A	B	C	D	Omit	Invalid		MF	WH	WA	SPED	LEP	LUNCH
All	76	4	6	10	3	0	Favor					L	
Low	45	9	14	20	12	1	Flag					High	
Mid	82	3	5	9	1	0	N Ref					1905	
High	97	0	0	2	0	0	N Foc					69	

03Rsto105M2075

3338635

**Why does Ha Jin say “Is anyone there?” to the empty yard around him?**

- A.** He wants to know who threw something at him.
- B.** He wants to find someone to play a game with him.
- C.** He wants to know if he is first to walk in the snow.
- D.** He wants to know who made the tracks in the snow.

CID: 3338635		READING			Gr3		R.3.N.1		Max Pts: 1		Key: A		
FT05					Multiple Choice				A Game of Toss the Acorn				
N Cnt: 987					Mean: 0.760				Corr: 0.398				
	A	B	C	D	Omit	Invalid		MF	WH	WA	SPED	LEP	LUNCH
All	74	5	7	11	3	0	Favor				S		
Low	41	11	14	24	10	0	Flag				Mod		
Mid	81	4	6	9	1	0	N Ref				861		
High	94	2	2	1	0	0	N Foc				126		

03Rsto305M2071

3338579

**Why does Ha Jin laugh when he sees the two squirrels?**

- A.** He has seen them before and knows they are harmless.
- B.** He thinks their game of tossing acorns looks like fun.
- C.** He is glad to know who is tossing acorns at him.
- D.** He is getting bored outside and is glad to see them.

CID: 3338579		READING			Gr3		R.3.N.1		Max Pts: 1		Key: C		
FT05					Multiple Choice				A Game of Toss the Acorn				
N Cnt: 1969					Mean: 0.660				Corr: 0.356				
	A	B	C	D	Omit	Invalid		MF	WH	WA	SPED	LEP	LUNCH
All	9	17	64	6	4	0	Favor						
Low	15	26	33	13	13	0	Flag						
Mid	8	18	68	4	1	0	N Ref						
High	5	6	88	1	0	0	N Foc						

03Rplo205M2056

3338394

**Why does Ha Jin imagine that he is "a famous astronaut about to walk on the moon for the first time"?**

- A.** He gets to wear his boots outside in the new snow.
- B.** He is the first person to walk in the new snow.
- C.** He is the first person to look outside at the new snow.
- D.** He gets to wear his mom's oven mitts outside in the new snow.

CID: 3338394		READING			Gr3		R.3.N.2		Max Pts: 1		Key: B		
FT05					Multiple Choice				A Game of Toss the Acorn				
N Cnt: 977					Mean: 0.690				Corr: 0.460				
	A	B	C	D	Omit	Invalid		MF	WH	WA	SPED	LEP	LUNCH
All	8	66	11	10	5	0	Favor		W	W			
Low	17	24	18	24	16	0	Flag		High	High			
Mid	7	74	9	8	2	0	N Ref		792	792			
High	1	92	6	1	0	0	N Foc		84	32			



03Rplo105M2058

3338465

**Why does the author say Ha Jin “stood frozen” when the second object hit him?**

- A.** Ha Jin was too cold to walk any farther.
- B.** Ha Jin wanted to surprise the squirrels.
- C.** Ha Jin stopped to look for animal tracks.
- D.** Ha Jin was too frightened to keep walking.

CID: 3338465		READING			Gr3		R.3.N.2		Max Pts: 1		Key: D		
FT05					Multiple Choice				A Game of Toss the Acorn				
N Cnt: 976					Mean: 0.770				Corr: 0.455				
	A	B	C	D	Omit	Invalid		MF	WH	WA	SPED	LEP	LUNCH
All	9	4	9	73	5	0	Favor			A	S		
Low	18	11	18	37	16	0	Flag			High	High		
Mid	8	3	9	78	2	0	N Ref			790	846		
High	0	0	0	99	0	0	N Foc			32	130		