



# Common Core State Standards Curriculum Connections for Planet Protector Academy: *Zero Heroes*

## GRADE 3

Content:      **V = video content**                      **G = game show**                      **A = Activity**                      **M = At-Home Mission**

Curriculum Expectations	Levels					
	1	2	3	4	5	6
<b>GRADE 3   MATHEMATICS (2010)</b>						
<b>3.OA Operations and Algebraic Thinking.</b> Represent and solve problems involving multiplication and division.		A		A		
<b>3.NBT Number and Operations in Base Ten.</b> Use place value understanding and properties of operations to perform multi-digit arithmetic	M*	M*	M*	M*	M*	
<b>3.NF Numbers and Operations – Fractions.</b> Develop understanding of fractions as numbers.		G	G		G	
<b>* For each level, students are required to add up the points earned by each team member for their weekly mission.</b>						
<b>GRADE 3   READING (2010)</b>						
<b>ELA – Literacy.R.3.4 (Fluency)</b> Read with sufficient accuracy and fluency to support comprehension	G	G	G	G	G	G
<b>GRADE 3   WRITING (2010)</b>						
<b>ELA – Literacy.W.3.2</b> Write informative/explanatory texts to examine a topic and convey ideas and information clearly.				A	A	
<b>ELA – Literacy.W.3.3</b> Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.			A		A	
<b>ELA – Literacy.3.W.7 (Research to Build and Present knowledge)</b> Conduct short research projects that build knowledge about a topic	M	M	M	M A	M A	A
<b>ELA – Literacy.3.W.8 (Research to Build and Present knowledge)</b> Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories	M	M	M A	M A	M A	A
<b>GRADE 3   SPEAKING AND LISTENING (2010)</b>						
<b>ELA – Literacy.SL.3.1 (Comprehension and Collaboration)</b> Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly	G A	G	G A	G	G A	G A
<b>ELA – Literacy.SL.3.2 (Comprehension and Collaboration)</b> Determine the main ideas and supporting details of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally	G V	V G	V G	V G	V G A	V G A

# GRADE 4

Content: V = video content

G = game show

A = Activity

M = At-Home Mission

Curriculum Expectations	Levels					
	1	2	3	4	5	6
<b>GRADE 4   MATHEMATICS (2010)</b>						
<b>4.OA Operations and Algebraic Thinking.</b> Use the four operations with whole numbers to solve problems.		A		A		
<b>4.NBT Number and Operations in Base Ten.</b> Use place value understanding and properties of operations to perform multi-digit arithmetic	M*	A M*	M*	M*	M*	
<b>4.NF Numbers and Operations – Fractions.</b> Extend understanding of fraction equivalence and ordering.		G	G		G	
<b>* For each level, students are required to add up the points earned by each team member for their weekly mission.</b>						
<b>GRADE 4   READING (2010)</b>						
<b>CC.4.R.F.4 Fluency:</b> Read with sufficient accuracy and fluency to support comprehension	G	G	G	G	G	G
<b>GRADE 4   WRITING (2010)</b>						
<b>ELA – Literacy.W.4.2</b> Write informative/explanatory texts to examine a topic and convey ideas and information clearly.				A	A	
<b>ELA – Literacy.W.4.3</b> Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.			A		A	
<b>ELA – Literacy.W.4.7</b> (Research to Build and Present knowledge) Conduct short research projects that build knowledge about a topic	M	M	M	M A	M A	A
<b>ELA – Literacy.W.4.8</b> (Research to Build and Present knowledge) Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories	M	M	M A	M A	M A	A
<b>GRADE 4   SPEAKING AND LISTENING (2010)</b>						
<b>ELA – Literacy.SL.4.1 Comprehension and Collaboration:</b> Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly	G A	G	G A	G	G A	G A
<b>ELA – Literacy.SL.4.2</b> (Comprehension and Collaboration) Determine the main ideas and supporting details of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally	G V	V G	V G	V G	V G A	V G A

# GRADE 5

Content: V = video content

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A = Activity

M = At-Home Mission

Curriculum Expectations	Levels					
	1	2	3	4	5	6
<b>GRADE 5   MATHEMATICS (2010)</b>						
<b>5.NBT Number and Operations in Base Ten.</b> Perform operations with multi-digit whole numbers and with decimals to hundredths	M*	A M*	M*	A M*	M*	M*
<b>* For each level, students are required to add up the points earned by each team member for their weekly mission.</b>						
<b>GRADE 5   READING (2010)</b>						
<b>CC.5.R.F.4 Fluency:</b> Read with sufficient accuracy and fluency to support comprehension	G	G	G	G	G	G
<b>CC.5.R.F.4.a Fluency:</b> Read grade-level text with purpose and understanding	G	G	G	G	G	G
<b>GRADE 5   WRITING (2010)</b>						
<b>ELA – Literacy.W.5.2</b> Write informative/explanatory texts to examine a topic and convey ideas and information clearly.				A	A	
<b>ELA – Literacy.W.5.3</b> Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.			A		A	
<b>ELA – Literacy.5.W.7</b> (Research to Build and Present knowledge) Conduct short research projects that build knowledge about a topic	M	M	M	M A	M A	M A
<b>ELA – Literacy.5.W.8</b> (Research to Build and Present knowledge) Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories	M	M	M A	M A	M A	M A
<b>GRADE 5   SPEAKING AND LISTENING (2010)</b>						
<b>ELA – Literacy.SL.5.1 Comprehension and Collaboration:</b> Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly	G A	G	G A	G	G A	G A
<b>ELA – Literacy.SL.5.2</b> (Comprehension and Collaboration) Determine the main ideas and supporting details of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally	G V	V G	V G	V G	V G A	V G A