

Grade 4 - Language Curriculum Alignment
2022-23 FIRST LEGO League Explore Team Meeting Guide

Team Meeting Guide Outcomes	Strand	Specific Expectations	Addressed
Session 1: Introduction - Let's Discover <ul style="list-style-type: none"> Students discuss the Core Value of discovery and provide examples. Team Outcomes <ul style="list-style-type: none"> The team will use discovery to explore the MASTERPIECE theme and explain how people share what they love to do. The team will build a place to share a hobby or interest. Share <ul style="list-style-type: none"> Share what they did in the session. Explain their hobbies and interests. Share how they use art or creativity in their interests 	Reading		
	Writing		
	Oral Communication	B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes B1.5 use appropriate <u>word choice</u> , including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u> , and cohesive sentences during formal and informal communication, to support audience comprehension	<ul style="list-style-type: none"> • •

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<p>Session 2:</p> <p>Introduction – Go Team</p> <ul style="list-style-type: none"> Students talk about what teamwork is and provide examples of this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> The team will build the basic stage and minifigures in Bag 1. The team will explore different jobs in the arts and tools or objects used <p>Share</p> <p>Have the team:</p> <ul style="list-style-type: none"> Share what they did in the session. Share what they learned about the experts in the Explore story <ul style="list-style-type: none"> Demonstrate how the different minifigure items could be used. Describe their scene for the Explore story 	Reading		
	Writing		
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none"> • •

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<p>Session 3:</p> <p>Introduction – Let’s Have Fun</p> <ul style="list-style-type: none"> Teams talk about what fun is and provide examples of this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> The team will add the music concert pieces to the basic stage. The team will identify different ways sound is used to help make an impact on an audience. <p>Share Have the team:</p> <ul style="list-style-type: none"> Share what they did in the session. Demonstrate how the concert stage works. Explain how sound is used to make an impact for an audience. Show different examples of sounds icons on the mat. 	Reading		
	Writing		
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none"> • •

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<p>Session 4:</p> <p>Introduction – Let’s Innovate</p> <ul style="list-style-type: none"> Students talk about what innovation is and the team provides examples of this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> The team will build the LEGO® model from the lesson and explore motor coding blocks. The team will identify creative ways stages are used in a theatre. <p>Share Have the team:</p> <ul style="list-style-type: none"> Share what they did in the session. Show the motor coding skills they learned. Explain how technology is used to make an impact for an audience. Show different examples of theatre icons on the mat. 	Reading		
	Writing		
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none"> • •

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<p>Session 5:</p> <p>Introduction – Be Inclusive</p> <ul style="list-style-type: none"> The team will talk about what inclusion is and provide examples of this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> The team will build the LEGO® model from the lesson and explore the use of lights and sensors. The team will identify how lights and sounds are used to make a museum exhibit interactive. <p>Share</p> <p>Have the team:</p> <ul style="list-style-type: none"> Share what they did in the session. Show the sensor coding skills they learned. Demonstrate how they modified the model and code so that light and sound is triggered by a sensor 	Reading		
	Writing		
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none">

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<p>Session 6:</p> <p>Introduction – Have an Impact</p> <ul style="list-style-type: none"> Teams will talk about what impact is and provide examples of this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> The team build the LEGO model from the lesson and explore light and sound blocks The team will build the motor and hub build and motorize the Explore model <p>Share</p> <p>Have the team:</p> <ul style="list-style-type: none"> Share what they did in the session Show the light and sound coding skills they learned Build and code the motor and hub build and motorize part of the Explore model 	Reading		
	Writing		
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none"> • •

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<p>Session 7:</p> <p>Introduction – Discovery Build</p> <ul style="list-style-type: none"> The team will provide examples of how they have used discovery throughout the sessions The team will create a build from the prototyping pieces represent this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> The team will combine the basic stage model with the motor and hub The team will apply all their coding and building knowledge to create their own stage. <p>Share</p> <p>Have the team:</p> <ul style="list-style-type: none"> Share what they did in the session. Show how they have applied coding skills learned in previous sessions to make their model move. Demonstrate how their stage engages an audience. 	Reading		
	Writing		
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none"> • •

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<p>Sessions 8 & 9:</p> <p>Introduction – Teamwork and Fun Builds</p> <ul style="list-style-type: none"> The team will provide examples of how they have used teamwork and fun throughout the sessions The team will create a build from the prototyping pieces representing this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> The team will draw their team model design and label its required parts. The team will create a team model to showcase a talent or interest that uses technology in creative ways. <p>Share</p> <p>Have the team:</p> <ul style="list-style-type: none"> Share what they did at the end of each session. Explain the program and how the motor, sensor and light are used in the model. Review the list of required parts and identify them on the team model. Demonstrate how the team model works. 	Reading		
	Writing		
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none">

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<p>Sessions 10 & 11:</p> <p>Introduction – Innovation and Inclusion Builds</p> <ul style="list-style-type: none"> • The team will provide examples of how they have used innovation (Session 10) and inclusion (Session 11) • The team will create a build from the prototyping pieces representing this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> • The team will create a plan for what they will include on their team poster. • The team will design and create their team poster <p>Share Have the team:</p> <ul style="list-style-type: none"> • Share what they did at the end of each session. • Show their team poster design. • Explain their team journey. • Demonstrate how they will present their team poste 	Media Literacy	<p>A2.5 demonstrate an understanding of the interrelationships between the form, message, and context of texts, the intended audience, and the purpose for production</p> <p>A2.6 select and use appropriate digital and media tools to support the design process and address authentic, relevant, real-world problems by developing innovative solutions</p>	<ul style="list-style-type: none"> • •
	Writing	<p>D1.1 identify the topic, purpose, and audience for various texts they plan to create, and explain why the chosen text form, genre, and medium suit the purpose and audience and how they will help communicate the intended meaning</p> <p>D2.1 draft texts of various forms and genres, including narrative, persuasive, and informational texts, using a variety of media, tools, and strategies</p>	<ul style="list-style-type: none"> • •
	Oral Communication	<p>B1.1 use effective listening skills, including asking questions to encourage a speaker to elaborate, and responding to the contributions of others in group discussions, in formal and informal contexts and for various purposes</p> <p>B1.5 use appropriate <u>word choice</u>, including new vocabulary, varied adjectives and adverbs to elaborate, a variety of <u>sentence types</u>, and cohesive sentences during formal and informal communication, to support audience comprehension</p>	<ul style="list-style-type: none"> • •

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<p>Session 12:</p> <p>Introduction – Impact Build</p> <ul style="list-style-type: none"> • Have the team provide examples of how they have had an impact throughout the sessions • Have the team create a build from the prototyping pieces representing this Core Value <p>Team Outcomes</p> <ul style="list-style-type: none"> • The team will reflect on their MASTERPIECE experience. • The team will create a plan for what to share at their final event <p>Share Have the team:</p> <ul style="list-style-type: none"> • Practice their team poster presentation. • Practice their team model presentation. 	Reading		
	Writing		
	Media Literacy	<p>A2.5 demonstrate an understanding of the interrelationships between the form, message, and context of texts, the intended audience, and the purpose for production</p> <p>A2.6 select and use appropriate digital and media tools to support the design process and address authentic, relevant, real-world problems by developing innovative solutions</p>	<ul style="list-style-type: none"> • •

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