

Memorandum of Understanding
between MathTalk, PBC,
Clayton County Public Schools, and
the entities listed and duly signed below

This Memorandum of Understanding (MOU), made and entered into by each city as of the date that city's governing body's signature is affixed below, by and between that city, Clayton County Public Schools, and MathTalk PBC, sets forth the general understandings for a collaboration between **Math Talk PBC, a Delaware benefit corporation ("MT")**, **Clayton County Public Schools (CCPS)**, and **the city** to collaborate on the development of a student-led plan to bring MT installations and technology to Clayton County neighborhoods and communities.

The mission of CCPS is to empower students to achieve academic and personal goals. CCPR strives to engage and connect communities through people, parks, and programs by providing a diverse offering of events and activities within their parks and facilities. MT's products and programs are designed to inspire adults and kids, particularly those in economically distressed communities, to connect and converse about mathematics as they enjoy math everywhere. As part of the development of these spaces, the CCPS, CCPR, and MT collaboration aims to engage district high school students in the design and development of community resources that support math learning.

The purpose of this MOU is to identify the timeline, process, and program deliverables of Phase 2 of the CCPS, Clayton County, Georgia on behalf of CCPR, MT collaboration, as identified within Exhibit A. It is also to receive permission from the city to allow CCPS and MT to install the math trail overlays and structures on city property.

Phase 1 of the proposed project was completed and included; initial co-design sessions with CCPS Middle and High School students and educators to develop location and preliminary installations ideas, a site visit to identify specific locations, photo renderings of possible art installations, and the creation of a full proposal for the Clayton County Board of Education.

This MOU for Phase 2 of the project will consist of collaboration between MT, CCPS, Clayton County, Georgia on behalf of CCPR, and the city to continue co- designing MathTrails with students and the community for five (5) proposed locations within Clayton County: Lee Street Park in Jonesboro, South Clayton Recreation Center in Lovejoy, Virginia Burton Gray Recreation Center (inside) in Riverdale, Clayton County International Parks in Jonesboro, and Starr Park in Forest Park. Phase 2 will further include the design customization, installation of the designs and selected locations, digital licensing and customization, and customized content creation.

The contract amount for Phase 2 is \$279,500, funding provided through private funds granted through CCPS. This amount includes a 30 percent discount of the MT design team and project management costs, 100 percent discount on digital licensing, and a 50 percent discount on indirect costs. Specific deliverables are outlined in Exhibit A.

MT will own and hold all rights in and to the results of the design sessions and proposal, and any enhancements or improvements to MT's intellectual property embodied therein or derived therefrom. MT may, in its discretion, make its intellectual property available to others through open source or Creative Commons licenses or through any other license arrangement.

MathTalk PBC

Clayton County Public Schools

By:

By:

Omo Moses, CEO, MT

Dr. Morcease J. Beasley, Superintendent,

Exhibit A
Clayton County Public Schools, and the entities listed and duly signed below

The following points and proposals represent the intent of the parties and the objectives they wish to accomplish through the collaboration.

Agreements:

The Math Trail project will complement the CCPS efforts to develop mathematical thinking and expression among young children while enriching and connecting the community by engaging members in fun, culturally, and academically rich discussions. MT will oversee the planning, design, and installation of the five MathTrails.

Project Process and Timeline

1. MOU to County Commissioners by CCPR (November 2021 Commissioners meeting)
2. Project Planning by MT, in collaboration with CCPS and CCPR (December 2021)
3. Co-Design Sessions for each of the trail locations with students and the community to create and generate installation ideas facilitated by MT with support from CCPS and CCPR (January 2022)
4. Creation of a student led design competition by MT (January 2022 - February 2022)
5. Content creation, including; Math Trail Brochure, content and curriculum, and digital game customization by MT, with support for feedback from CCPS (March-April 2022)
6. Selection of vendors by CCPS with input from MT, CCPR, and the City (April 2022)
7. Stakeholder Sign-off of Design by MT and CCPS with input by CCPR and the City (April 2022)
8. Installation events in collaboration with CCPS, CCPR, and the City (May 2022)
9. Initial Trail Events Open in collaboration with CCPS, CCPR, and the City (June 2022)

Process Deliverables

1. Completed paperwork and signatures for permits or permissions required completed by CCPS or CCPR as appropriate (as required)
2. Walkthrough of MathTalk Math Trail proposed locations by MT, CCPS, and CCPR (December 2021)
3. Photo Renderings of MathTalk Math Trail installations on selected locations with specifications for installation by MT (February 2022)
4. Art, signage, and game descriptions with installation by MT (April-May 2022)
5. Construction and installation of the MathTalk Math Trail by MT (June 2022)

Project Contacts

Clayton County Public Schools

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MathTalk

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Clayton County Parks and Recreation

Troy Hodges, Director of Clayton County Parks and Recreation
troy.hodges@claytoncountyga.gov, (678)618-0938

The City of Jonesboro

Contact, Title
Email, phone

Signature of agreement

Date:

The City of Riverdale

Contact, Title
Email, phone

Signature of agreement

Date:

The City of Lovejoy

Contact, Title
Email, phone

Signature of agreement

Date:

The City of Forest Park

Contact, Title
Email, phone

Signature of agreement

Date:

Exhibit B.

Budget Contributions:

COST ESTIMATE FOR 5 MATHTRAILS	PRICE	DISCOUNT	TOTAL
MathTalk Design Team and Project Management Includes: Project Lead, Project Manager, Lead Designer, Digital Producer	\$80,000	30%	\$56,000
MathTrail Installation (Range estimate based on contractors) Includes: Signage, materials, and labor	\$120,000		\$120,000
Content Creation Includes: MathTrail Curriculum, Brochure, Custom Digital Games + Web Page	\$70,000		\$70,000
Installation Site License (Corporate Sponsorship)		100%	
Digital Site License+ Maintenance (Corporate Sponsorship)		100%	
Indirect Costs @25%	\$67,500	50%	33,500
Total	\$337,500		\$279,500

MathTalk: Discounts provided and commitment to soliciting and acquiring additional sponsorships for any balances beyond \$246,000, including but not limited to funding balance per estimate of \$33,500.

CCPR: use of the properties at the locations identified above for the purpose of installing the MathTalk MathTrails and accompanying signage, under the guidance of the CCPR with input from the community.

CCPS: Funds for any portion not on school system property will not come through general funds but will come through special revenues, donations, or grant funds. CCPS funding for this project will not exceed \$246,000. CCPS pays net 30 on undisputed invoices after work is completed/services provided.

Review information about the MathTalk Math Trail at <http://tinyurl.com/ccpsmathtrail> and at <https://math-talk.com/>