

TEAM TETRASQUAD
PRESENTS

MAP IT!

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What is Map It! ?

A physical, interactive puzzle that allows families to build a map of their everyday locations and track each others whereabouts.



HOW DOES MAP IT WORK?

1

CUSTOMIZE

Download the app and start customizing your neighborhood.

2

BUILD

Build your map using the lego blocks in the Map It! Set

3

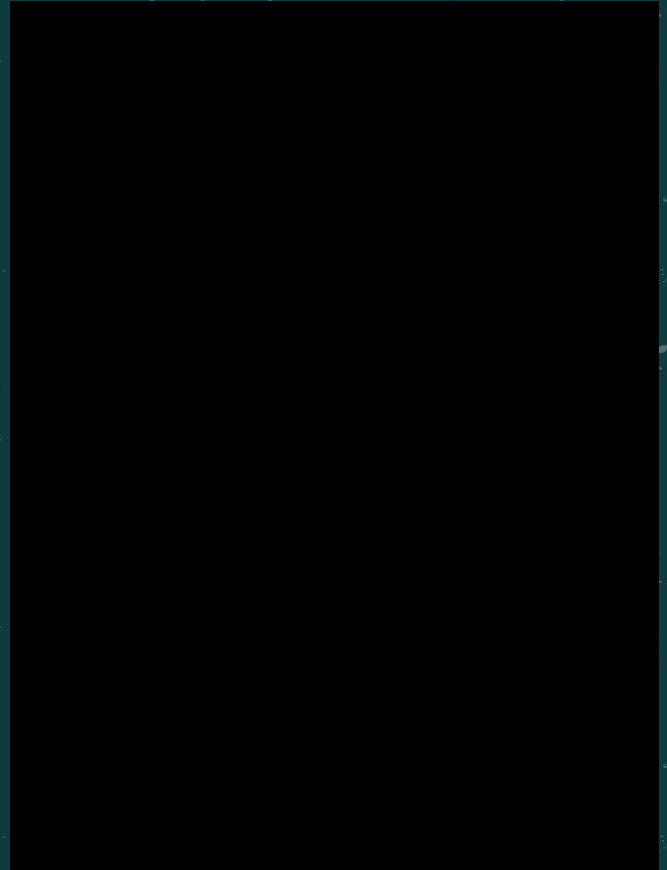
TRACK

Connect the completed setup with a GPS device and watch your family move around the city

Create Your Set With Three Easy Steps

1. Download the app and start adding your frequently visited locations to begin building your map.
2. Once you've added all of your locations, check out your lego view. Each item you select will be added to your cart.
3. When you're happy with how your lego view looks, review your cart and checkout.

Congrats! You're almost ready to start building! We'll send you all the necessary pieces to begin building your map.



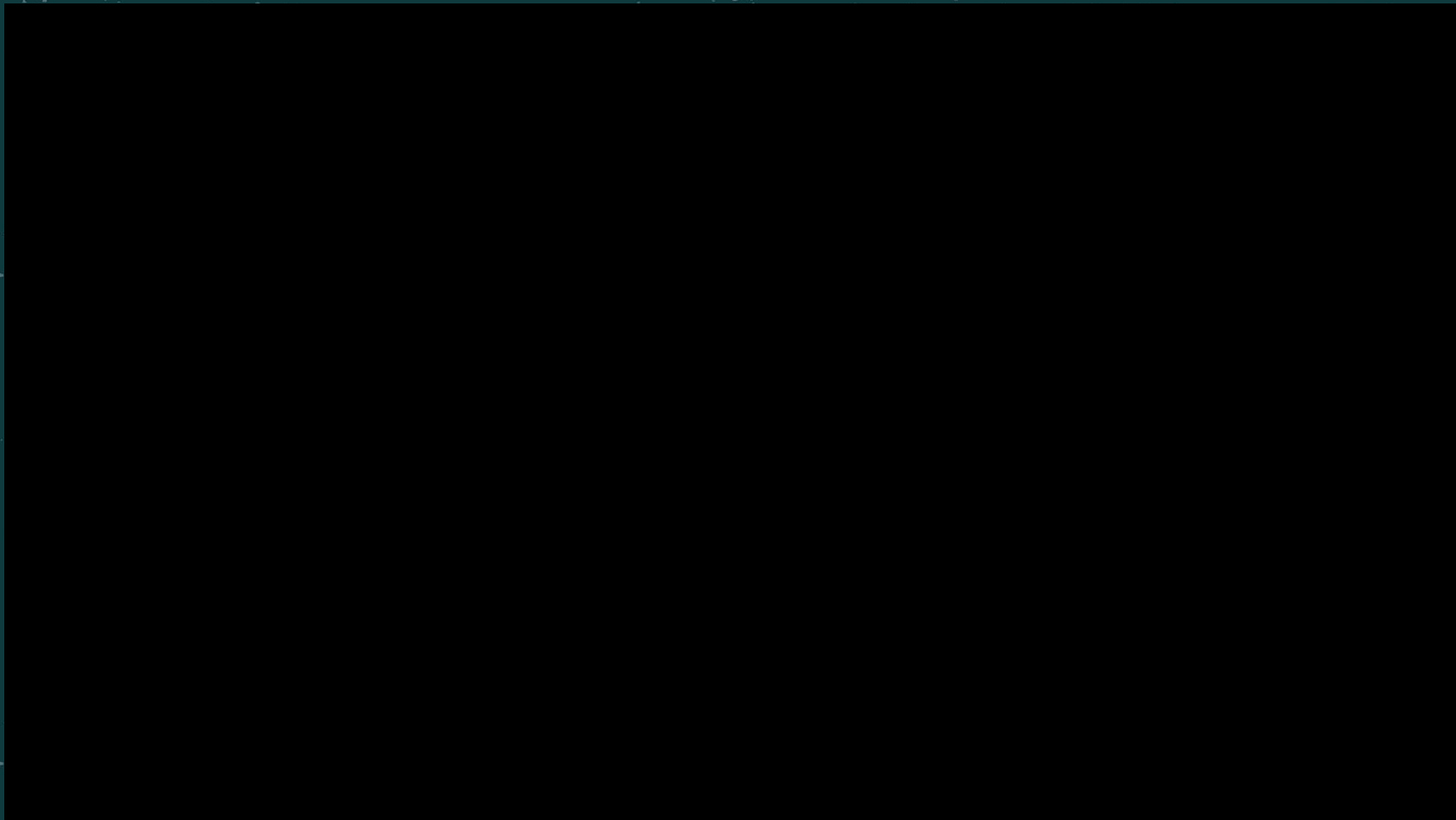
A Video of the Map It! App

Assemble and Display

1. A reference of **how to construct** the neighborhood is provided with the Map It! Kit.
2. Parents and children can **construct** the map **together**.
3. Access the **GPS and emergency contact information** features by attaching the control panel.
4. **Customize your map** at any time by ordering and adding a variety of destinations including: houses, restaurants, schools, libraries, and more!



Once you assemble your map, you're almost ready to start tracking!



A Video of the Map It! Puzzle Prototype

Tracking and Stay Safe

1. **Set up tracking** for each of the family members using devices such as trackers, smartphones, or any other devices that have a GPS function.
2. Every **family member** then has an **LED color** dedicated to show their location.
3. If your child goes **out of radius**, then app sends you a **notification**, which is useful if the activity is unusual.

Once you set up tracking, you have successfully set up your Map It! puzzle. Start observing your family as they move across town.



Why is Map It! Helpful?

- **Map It!** Is a fun way for **families to work together to build a puzzle**. Children are able to map out their communities and get a better understanding of their community. Additionally, writing the addresses on common places such as “home” help children learn where they live.
- **Kids** start developing **spatial awareness** at the age of **18 months**! Spatial awareness is a skill that can be developed by learning locations, measuring distances, using comparative terms, following directions, puzzle solving, and lego activities.
 - Source: <http://www.wales.nhs.uk/sitesplus/documents/861/Spatial%20Awareness.pdf>
- **Tracking children** in these common locations can **ensure their safety**.
 - The FBI states that over 400,000 children are reported missing every year.
 - Source: <https://globalmissingkids.org/awareness/missing-children-statistics/>

TARGET AUDIENCE

CHILDREN

Children between the ages of **2-10 years** old are the **primary audience** for this product as they are developing the skills of reading, comprehending objects and shapes, and understanding their surroundings.

PARENTS

Parents are the **secondary audience** after children. Along with acting as a teaching tool, the device is connected to your phone, this app is beneficial to parents ensuring their kids get home safe from school and other events.

Map It provides an connective experience of **cognitive development** during the puzzle assembly and **tracking for safety** after the puzzle is complete.



FAMILY ACTIVITY

Provides a great experience for both, parents and kids to spend time together



SAFETY

Allows parents to keep track of their kids locations within a fixed area



AWARENESS

Spacial awareness to understand where you are in relation to other objects in your surroundings.



LEARNING

Teaching kids about the location of their home and structure of their community.



THANK YOU!

RESOURCES

- <https://www.metroparent.com/daily/parenting/parenting-issues-tips/yes-parents-should-track-their-kids-location-and-activity-for-peace-of-mind/>
- <https://www.scmp.com/yp/discover/your-voice/opinion/article/3055922/talking-points-should-parents-be-allowed-track-their>
- <https://www.freepik.com/photos/love> - Love photo created by freepik
- <https://slidesgo.com/theme/chalkboard-background>
- Living room photo by Katarzyna Bialasiewicz