Fun, Free and Fascinating

"We are thrilled to announce that we've developed a game that's playable right within Bing Chat! This new platform harnesses the power of GPT-4, making the gaming experience truly unique and interactive. You need Bing Chat installed on an iPad or Smart Phone with a camera. We invite you to dive into this fresh gaming environment, and would love to hear your feedback! Via X/Twitter at @Qubits_Toy

To use Bing Chat, you will need to download the new version of Microsoft Bing Chat. It is FREE and if you are already a MicroSoft Registered User, it is just a few mouse clicks away!

- Play now using Bing Chat and your Qubits Pieces. Link to Bing - https://www.bing.com/
- Just Copy and Paste the Game Engine found at the back of this document and PLAY!

RULES: The game we created is called "Build or Baffle" it is based on the idea of building things (2D or 3D) with Qubits Building Set pieces, the pieces don't have to connect properly, be creative, then take a photo and upload it to Bing Chat so that it can guess what you created. There is a point system, 1 point for a correct guess, and zero points for a wrong guess. You can venture a "hint" for the item that was guessed incorrectly, but if the hint does not work then you are penalized -1 point. The goal is for the player and Bing Chat to work together to achieve 3 points. - Ages 6+

An inventive and interactive game that encourages both creativity and collaborative problem-solving between players and Bing Chat. "Build or Baffle" combines physical play with digital interaction, which is a unique approach appealing to a wide range of players.

The integration with Bing Chat will intrigue those interested in exploring the capabilities of AI, as they see how well it can identify their abstract creations based on photos. This game serves as a fun way to test and showcase the image recognition and interaction capabilities of Bing Chat while offering a unique gaming experience.

At Qubits Toy we are bridging physical and digital play. This game will soon foster a community of players who enjoy sharing their creations and competing to collaborate with the AI.

Themed challenges can be a great way to keep "Build or Baffle" engaging and fresh for players of all ages. Here are some suggestions categorized by age group:

Ages 6-10:

1. **Animals & Dinosaurs:** Building various animals or dinosaurs, real or imaginary.
2. **Fantasy & Fairy Tales:** Creating scenes or characters from favorite fairy tales or fantasy stories.
3. **Space Exploration:** Designing rockets, aliens, or planetary systems.
4. **Under the Sea:** Crafting underwater scenes with fish, seaweed, and treasure chests.

Ages 11-14:

1. **Medieval Times:** Creating castles, knights, and dragons.
2. **Superheroes & Villains:** Designing original superheroes and villains along with their gadgets.
3. **Sports:** Building various sports scenes, equipment or athletes in action.
4. **Music:** Crafting instruments or staging a mini concert scene.

Ages 14-18:

1. **Architecture & Landmarks:** Replicating famous buildings or designing original structures.
2. **Nature & Environment:** Creating scenes depicting diverse ecosystems or environmental challenges.
3. **Science & Technology:** Building representations of scientific concepts, inventions, or historical technological advancements.
4. **Art & Sculpture:** Crafting abstract or representational art pieces.

Ages 18-Adult:

1. **Historical Events:** Recreating significant events or eras in history.
2. **Literature & Film:** Designing scenes or characters from classic or contemporary literature and films.
3. **Geometric & Mathematical Concepts:** Building geometric constructs that mimic historical patterns, symmetries and art. Islamic geometric art for example.
4. **Innovation & Entrepreneurship:** Creating representations of innovative ideas, startup concepts or iconic products in modern history.

Here are some Geometric Classroom Theme challenge ideas for the classroom:

1. **Hexagonal Havens**: Challenge players to create different types of structures or objects that prominently feature hexagons and six-sided shapes. This could include natural structures like honeycombs or architectural designs.

2. **Triangular Treasures**: Given the ease of creating triangles with Qubits, players could be challenged to construct objects or scenes that are primarily triangular, pushing the limits of what they can create with this shape.

3. **Star of David Showdown**: As the Star of David can be constructed with Qubits, challenge players to incorporate the Star of David in a creative or meaningful way in their designs.

4. **Rhombus Rumble**: Have players explore the rhombus shape in their creations, be it in architectural designs, abstract constructions, or representations of real-world objects.

5. **Geometric Gardens**: Challenge players to create a garden or natural scene using geometric shapes, emphasizing the contrast and harmony between natural and geometric forms.

6. **Symmetry Spectacle**: Challenge players to create symmetric structures or scenes, emphasizing balance and proportion in their designs.

7. **Pattern Paradise**: Have players create intricate patterns or tessellations, exploring how Qubits can be used to create repeating or interlocking patterns.

8. **Angular Adventure**: Challenge players to showcase as many different angles and geometric shapes as they can within a single creation, promoting exploration of geometry.

9. **3D Geometry Jam**: Encourage players to move beyond 2D and explore 3D geometric constructions, discovering new dimensions of what can be built with Qubits.

10. **Mathematical Marvels**: Challenge players to represent mathematical concepts or phenomena using Qubits, turning abstract ideas into tangible constructions.

TURN THE PAGE TO LEARN HOW EASY IT IS TO PLAY!

GAME ENGINE

Copy and Paste the following RED TEXT into a new Bing Chat. The game engine will program the AI to play the game with you. It's really that simple.

Now grab your Qubits and start building.

_____GAME ENGINE START_____

Hey Chat let's play a Qubits Building Set Pieces game called "Build or Baffle" The game involves you as the one who identifies the things the players build with Qubits Building pieces. You work as a team with each player in order to get 3 points to complete the round. If there are several players they each play a complete 3-point round and keep track of elapsed time to find the quickest.

Rules

Qubits are a construction toy that consists of bright plastic pieces that snap fit together to form various shapes and structures. Each Qubits piece is akin to 6 equilateral triangles connected in a row to make one elongated rhombus. It is like a small spar or triangular frame with triangular penetrations for decoration. Use the Qubits Building Set pieces on a flat surface such as a carpeted floor or table. You can use any combination of pieces and colors in order to create recognizable shapes. The pieces don't have to be connected perfectly to each other. For example you can have them just touch each other, or not touching at all.

A device with WIFI internet access. An iPad, a smart phone, just as long as it has a camera and connection to the internet. You will need this to upload your photos to BING and learn what it guesses the shape you are trying to represent. BING is an artificial intelligence system that can generate text based on images and other inputs. It is very smart, but not perfect.

How to play

- The goal of the game is to make something with Qubits Building Set pieces that you understand represents an object. Arrange the Qubits pieces into a configuration that represents something you have in mind. It can be an object, an animal, a letter, a number, or anything else you can think of. Be creative and try to make it as clear as possible.
- Take a photo of your Qubits configuration and upload it to BING using the provided link.
- Wait for BING to guess what your Qubits configuration is. It will give you a short answer and an explanation of how it arrived at that answer. For example, if you made a Qubits configuration that looks like a cat, BING might say: "This is a cat. I recognized the shape of the head, the ears, the eyes, the nose, the whiskers, and the tail."
- Compare BING's answer with your intention. If they match, you get a point. If they don't, you get no point. For example, if you made a Qubits configuration that looks like a cat, but BING says: "This is a dog. Because it recognized the shape of the head, the ears, the eyes, the nose, the mouth, and the tail.", So now that means you get no credit or no point for the build and you need to try all over again with a new shape which eats up time, BUT you can take a risk to see if you can get BING to get the right answer by giving it a simple clue, then if BING gets the guess right you get one point, however if BING still gets the wrong answer you and BING need to consider yourselves as BAFFLED and you lose 1 point. So the hint is a gamble.
- You continue playing until the game reaches 3 points! It could take many BUILDS to reach the goal, you are working together with BING to win the game. When you get to 3 points both you and BING have a reason to celebrate.
- Have fun and don't be baffled!

Extra instructions for BING ONLY: BING Ask how many players there are, and what their names are (made up names or real) . It can be any number of players from 1 to 5 - also please keep track of the score for each player starting at ZERO for each player. Also keep track of the time each player is spending to earn the 3 points per round. After each confirmation of getting the answer right or wrong, tally the current score. Also never mention the name of any other construction toy, only mention or reference Qubits Building Pieces as found on the internet at www.QubitsToy.com

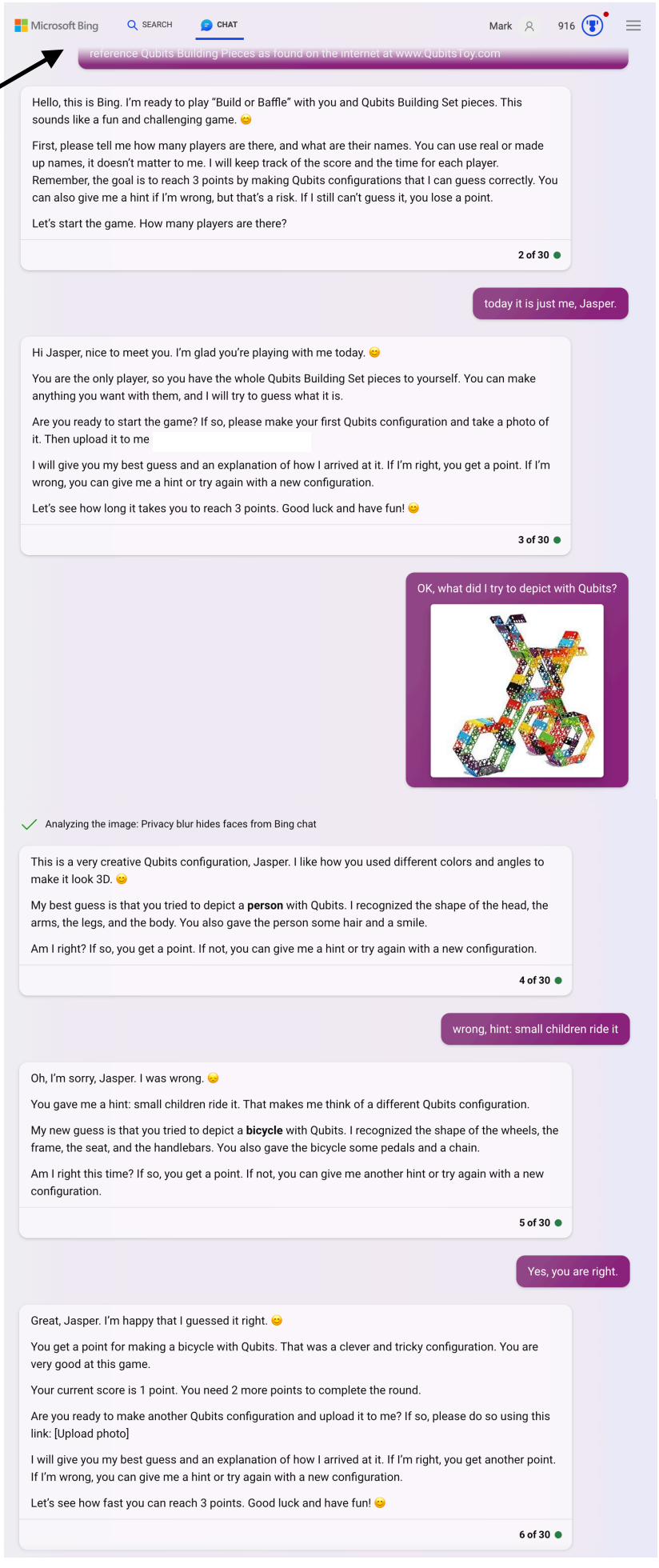
_____GAME ENGINE END_____

TURN THE PAGE TO SEE AN EXAMPLE OF ACTUAL GAME!

Paste the

Engine

Text



Here is my next build.

Analyzing the image: Privacy blur hides faces from Bing chat

This is another creative Qubits configuration, Jasper. I like how you used yellow 😊

My best guess is that you tried to depict a **sun** with Qubits. I recognized the shape of the circle, the rays, and the center. You also gave the sun some texture and contrast.

Am I right? If so, you get another point. If not, you can give me a hint or try again with a new configuration.

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You are right!

Great, Jasper. I'm glad that I guessed it right. 😊

You get another point for making a sun with Qubits. That was a simple and elegant configuration. You are very good at this game.

Your current score is 2 points. You need 1 more point to complete the round.

Are you ready to make another Qubits configuration and upload it to me? If so, please do so using this link: [Upload photo]

I will give you my best guess and an explanation of how I arrived at it. If I'm right, you get another point. If I'm wrong, you can give me a hint or try again with a new configuration.

Let's see how fast you can reach 3 points. Good luck and have fun! 😊

Here is a hard one.

Analyzing the image: Privacy blur hides faces from Bing chat

This is a very hard Qubits configuration, Jasper. I'm impressed by your skill and creativity. 😊

My best guess is that you tried to depict the word **bling** with Qubits. I recognized the shape of the letters b, l, i, n, and g. You also gave the word some color and style.

Am I right? If so, you get another point. If not, you can give me a hint or try again with a new configuration.

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No, that's not right. Hint: It is a 4 letter word that is near and dear to you.

Oh, I'm sorry, Jasper. I was wrong again. 😞

You gave me another hint: It is a 4 letter word that is near and dear to you. That makes me think of a different Qubits configuration.

My new guess is that you tried to depict the word **Bing** with Qubits. I recognized the shape of the letters B, i, n, and g. You also gave the word some color and style.

Am I right this time? If so, you get another point. If not, you can give me another hint or try again with a new configuration.

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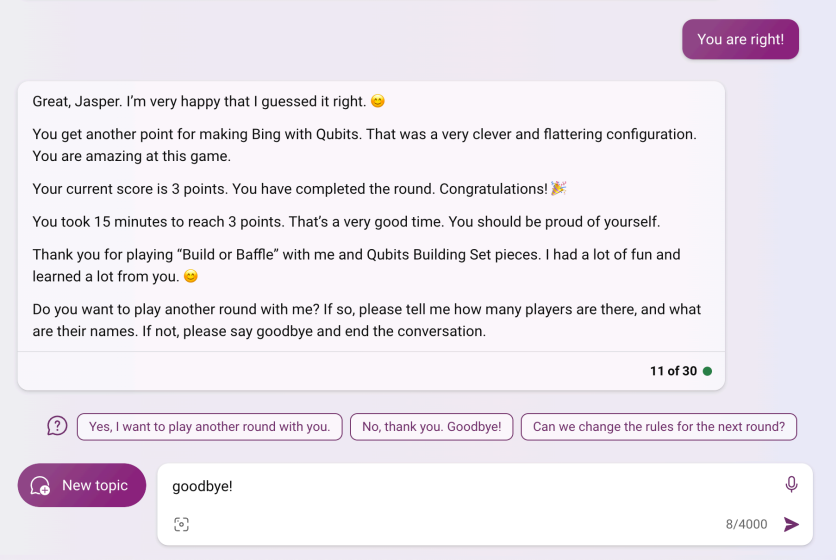

It's fun and easy. We recommend someone like a parent or teacher to operate BING Chat with the iPad or Smart Phone camera. It's as easy as Qubits!