

Who is your favorite LEGO Mini Figure?



**You show a student a page of 14 LEGO mini figures
and ask them to select their favorite one
without pointing to it or telling you their selection.**

You show the student 4 cards, one at a time.

Each card has the pictures of 7 Lego mini figures.

**You hold up 4 cards one at a time and ask the student to tell you
if their favorite Lego mini figure is on that card.**

After they finish you tell them their favorite Lego mini figure.

Can be repeated at once.

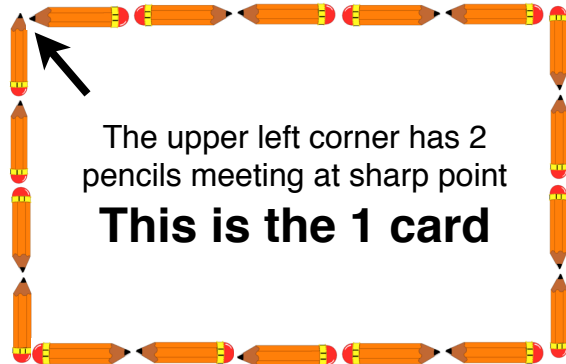
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amagicclassroom.com

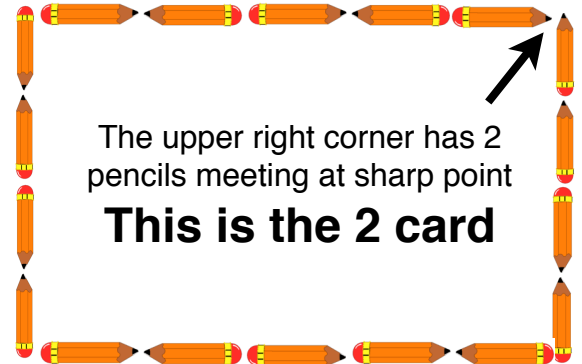
How does the trick Work?

There are 4 cards. A card has a value of 1 , 2 , 4 , or 8 depending on the location of where the 2 pencil points are located outside border in of one of the corners. The other 3 corners have erasers meeting on the border.

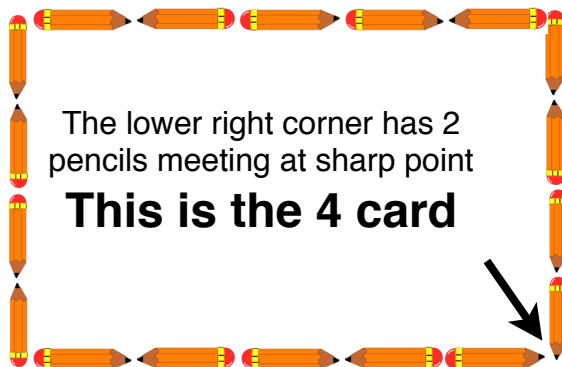
Card 1: The 2 pencil points are located in the upper left corner



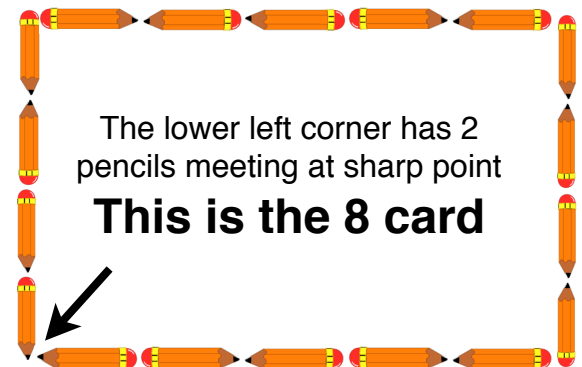
Card 2: The 2 pencil points are located in the upper right corner



Card 4: The 2 pencil points are located in the lower right corner



Card 8: The 2 pencil points are located in the lower left corner



Preperation:

Print out pagres 6 to 11. Print pages 6 and 7, 8 and 9 and 10 and 11 back to back. Cut out the cards, If you like you can use page 5 to replace pages 10 and 11,

Presentation;

When the student hands you all the the cards that contain their minifigure look for which corner the 2 pencil points are located. The upper right corner of the lego picture on the back has a blue lego brick on it. You use this to be sure the orientation of the cards is correct before you start the trick.

Note the value of that card. Upper left is 1, upper right is 2, lower right is 4 and lower left is 8. Add the values of each of the cards to get a final value. That is the location of the minifigure on the master sheet. Start counting at the Yoda figure in location 1 and move to the right row by row to find the location of the figure. Name the figure at that location.

The master page of Mini figures has 14 locations.

1st row on master card: Woody =11	Michelangelo =12	Superman =13	Spiderman =14
2nd row on master card: Yoda = 1	Luke Skywalker = 2	Hulk =3	3CPO = 4
3rd row on master card: Harry Potter = 5	R2D2 = 6	Batman =87	
4th row on master card: Buzz Lightyear = 8	Dobby = 9	Darth Vader = 10	

Yoda is only on the 1 card so **Yoda = 1**

Luke Skywalker is only on the 2 card so **Luke = 2**

Hulk is on the 1 and 2 card so **Hulk = 3**

3CPO is only on the 4 card so **3CPO = 4**

Harry Potter is on the 1 and 4 cards so **Harry = 5**

R2D2 is on the 2 and 4 cards so **R2D2 = 6**

Batman is on the 1 and and 2 and 4 cards so **Batman = 7**

Buzz Lightyear is only on the 8 card so **Buzz = 8**

Dobby is on the 1 and 8 cards so **Dobby = 9**

Darth Vader is on the 2 and 8 cards so **Darth =10**

Woody is on the 1 and and 3 and 8 cards so **Woody = 11**

Michelangelo is on the 4 and 8 cards so **Michelangelo = 12**

Superman is on the 1 and and 4 and 8 cards so **Supperman= 13**

Spiderman is on the 2 and and 4 and 8 cards so **Spiderman= 14**

There are several magic tricks on my website that develop the concepts of base 2 cards and explain how to create base two cards. This trick is an extension of those tricks. For that reason I am not including an explanation of how the 4 cards students use to find their figure were developed. The master card is used to display all 14 mini-figures but it also is the key to finding the location of the figure. All 14 figures have a unique base 2 value. Converting that base 2 to the corresponding base 10 values gives each figure a unique base 10 number form 1 to 14. You could create a master list that numbers the figures starting with 1 as top row left column and count in normal fashion. You could also add the number to the name to make finding the figure easy. I decided to leave off the numbers and start the figure with the base 10 value of 1 in the second row at position 4. It is harder to see a pattern if the position numbers are left off and you start your figure with a value of 1 not associated with 1. It is only slightly harder for you to find the correct position of the selected figure and really makes it hard for the student to discover the pattern.

Extension: It would be a great if you could not see the front of the 4 cards and still find the favorite mini figure. This could be achieved in several ways. Pages 3 to 6 contain my version of the effect. If you print pages 3 and 4 back to back and pages 5 and 6 back to back you get the 4 choice cards with a back that has the pencil markings in the corner markings. Show the front of the card to the student while you look at the back. Ask them if their figure is on the card. After they have answered put the card face side down. Announce their favorite figure without ever looking at the figures on any of the choice cards. To be sure that the cards are in the correct orientation without looking at the fronts the upper right corner has a blue brick in the legos. Be sure all 4 cards have this orientation before you start asking the student which cards have their figure. If you let the student hold the card you need to have the student hold the card up for you to see. In any case you will need to see the master list

Extension: I am developing the same trick but I will use pictures of birds that are local to my area. I will have 14 full page pictures of local birds. Each page will also include information about the birds for the teacher to use as they introduce each bird. After the students have heard about the birds that they can select their favorite bird and the teacher can perform the trick for a few of the students.

History: A version of this trick was marketed in 1999 as Dream Psychometry by Tenyo, a major magic company in Japan. . Dream Psychometry was created by Toru Suzuki and has been out of print for many years. Many Tenyo tricks have become rare and are valued by collectors of magic. I tried to find a site that would sell me this trick but the last time I could find it mentioned for sale was in 2008 on e-bay. The English description of the trick on the Tenyo web site says that the 4 cards are shown to the person but not seen by the magician, who reveals the person's choice looking only at the backs of the 4 card. The only sites for this trick show only the fronts of the 4 cards, not the backs. These limitations mean that I am not sure that my version uses the same techniques that the original trick used. I am almost sure they used base 2 cards. I am not sure how they found the base 2 numbers looking only at the back of the cards. I am glad I do not know how they did the trick. This means that I can make my own version with modern Lego figures (or any other thing I choose) and feel that my version stands alone as mine.

A version called Bird Watcher Too by John Mazza was marketed for a short time but is now off the market. It seems to be an exact copy of Dream Psychometry but uses the figures from the Tenyo trick Bird Watcher. Bird Watcher is an expanded version of Dream Psychometry with bird figures and a different use of base 2 cards. This trick is limited on the web to views of only the fronts of the cards and no instructions exist that I can find. A new version by John is called Bird Brain and sells on his web site for \$15

Who is your favorite LEGO Mini Figure?



Woody



Michelangelo



Spiderman



Superman



Yoda



Luke Skywalker



Hulk



3CPO



Harry Potter



R2D2



Batman



Buzz Lightyear



Dobby



Darth Vader









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