

# The Teaching Train 3D (instructions for building)

(demonstration videos on [www.abcreadwithme.com](http://www.abcreadwithme.com) instructions page)

The Teaching Train 3D is a Table top Version of the Teaching Train and consists of an Engine, 8 Train cars, and a caboose, with 78 standing word cards as cargo. (3 for each of the alphabet letters)

The Teaching Train 3D is a moderately difficult craft project, if you would like the same lesson book as an easy level craft project select the Teaching Train 2D version.

To make the Teaching Train 3D you will need to contact us for a pre-printed loose leaf copy of this book, contact us at [support@abcreadwithme.com](mailto:support@abcreadwithme.com). It is only available as the pre printed version at this time. It is ideal for school classrooms or large groups, see pictures on our website [www.abcreadwithme.com](http://www.abcreadwithme.com)

## Tools needed

12 inch Ruler

Scoring tool or a Dull knife(for scoring fold lines)(just indent the paper, don't scratch or cut it)

Scissors

Hole punch

Glue stick

Scotch Tape

9 Brads

Cutting mat

Save the Front Title Page of the book, you can use it as a label on your storage box for the train and the word cards

## Let's Start with the Train Engine

With the Ruler and a Scoring tool

1. Lay the ruler along fold lines (**Blue Dashed**) and lightly score them.

**(Do a test score on a plain piece of paper first to test your choice of tool) Don't forget the vertical fold lines as well, and skip over any cut lines or other spaces. Only the fold lines need scoring. Do not cut the paper, just crease it a little to help with the folding.**

With the Scissors

2. Cut all (**Magenta Dashed**) cut lines

With the Hole Punch

3. Punch hole in the brad link tab

Prepare to glue by folding all fold lines

4. Flatten out again
5. Dry fit to see if all of the cut lines are correct, and that it all fits together correctly. Trim if needed.

With the Glue stick (follow the numbers)

6. Starting at the center, Glue the tank flaps down
7. Glue down cabin center top flap
8. Glue the long side back door to the back flap, slip the Brad tab through its slot, glue down top flap
9. Glue short side back door to the long side of the back door, and glue down the top flap
10. Glue lantern short side to the long side and their top flaps down
11. Glue the front of the Train and the cattle catcher, short side over the long side
12. Fold and glue the front tongue under the cattle catcher

With the Scissors, Ruler, Scoring tool, the Glue Stick and Tape

13. Cut out the Train Engine Roof and Tank (**Magenta Dashed**)
14. With the ruler score the roof fold lines (**Blue Dashed**) and fold them
15. Put glue on the underside (small rectangles) of the Train Engine Roof tabs and hold until set
16. Glue Roof tabs onto the inside of the sides, of the cabin walls
17. Roll up the tank and Tape it at the tape line, drop it into place

## **Let's continue with building the Train Cars (all 8 of them)**

With the Ruler and a scoring tool

1. Lay the ruler along the fold lines (**Blue Dashed**) and score them

With the Scissors

2. Cut all (**Magenta Dashed**) cut lines
3. Cut brad link tab loose
4. Cut center partition tabs loose
5. Carefully fold all fold lines and then lay out flat

With the Hole Punch

6. Punch holes in the brad link tabs

With the Glue stick (follow the numbers)

7. Glue center and press down, don't glue the partitions together yet
8. Glue long back sides to back flap, slip the Brad link tab through its slot
9. Glue down the long top flap
10. Glue the short back half to the back flap and it's top flap down, too
11. Glue together the opposite sides of the center partitions to form three sections for the cargo

## **OK – The last part is the Caboose**

With the Ruler and a scoring tool

1. Set the ruler along the fold lines (**Blue Dashed**) and score them

With the Scissors

2. Cut all (**Magenta Dashed**) cut lines
3. Fold all of the fold lines
4. Flatten out page
5. Also cut out the two Caboose Roofs, found on the separate page with the train engine roof and tank

With the Hole Punch

6. Punch holes in the brad link tabs

With the Glue Stick (Follow the numbers)

7. Glue and fold center flap down
8. Glue the long sides to the end flaps, slip the Brad tab through its slot, and glue down the top flap
9. Glue the short sides to the end flaps, and glue down the top flap
10. Glue the partitions to each other to form a center bar
11. Glue the roof tabs down on the underside (small rectangle)
12. Glue 1 roof to each of the cabin ends, with the short sides toward the center of the caboose

With the Hole punch and 9 brads

13. Punch a hole in the link tabs that you might have missed earlier
14. Attach all of the Train Cars together with Brads in Alphabetical order

## **Now for the Word Pages, all 26, one page for each letter of the Alphabet**

With the Ruler and a scoring tool

1. Score all of the fold lines (**Blue Dashed**)

With the Scissors

2. Cut all (**Magenta Dashed**) cut lines of the standing Word cards (you will find 2 cards for the verb, only one of them will have feet tabs)
3. Fold all of the fold lines
4. Set the verb card without feet over the one with feet, attach with a piece of tape or a staple.

With the Glue

5. Glue all feet tabs together to create standing word cards, leaving the word noun, verb, or adjective showing on the bottom

**Easy to Teach, Fun to Learn**