

# Engineers Club NEWS

Volume 7 No. 1

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## FAST TRAINS

**The Supertrains of Europe are some of the fastest in the world.**

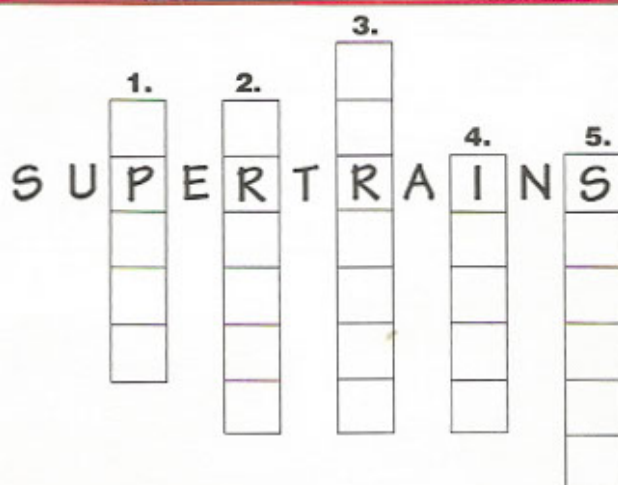
- > The TGV of France recently set a world speed record of nearly 320 miles per hour.
- > The ETR of Italy is referred to as the Pendolino ("little pendulum") because it tilts gently when rounding curves.
- > The X-2 of Sweden is a sleek blue, stainless steel train which has just recently started service.

### Coming soon:

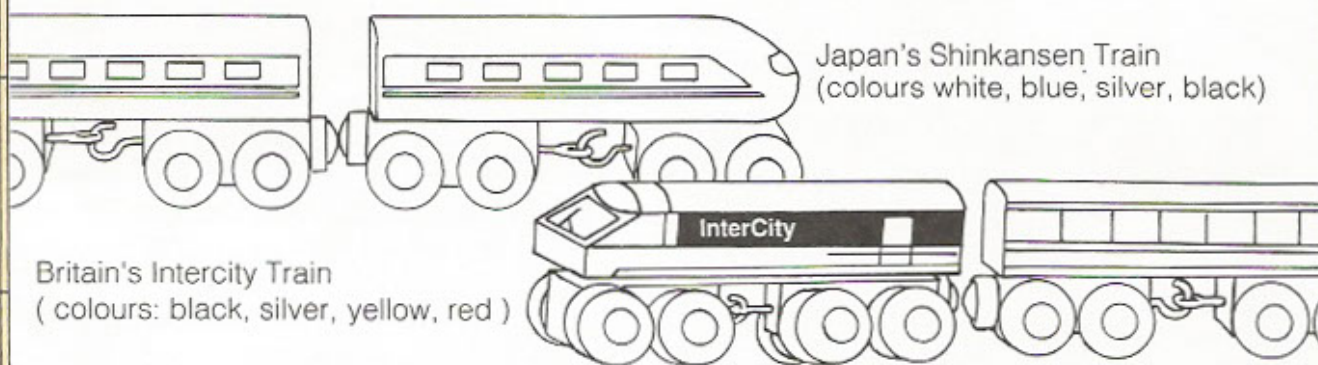
- > Germany's ICE (InterCity Express)
- > Spain's TAV in time for next Olympics and World Exposition.

Write in the countries where you could ride these Supertrains.

1. TAV
2. TGV
3. ICE
4. ETR
5. X-2



### BRIO's first 'supertrains':



Japan's Shinkansen Train  
(colours white, blue, silver, black)

Britain's Intercity Train  
(colours: black, silver, yellow, red)

Have you heard of Maglev Trains? More next time...

# ESPECIALLY FOR BRIO ENGINEERS



## Do you know...?

- .....that a "hole" is a sidetrack for passing trains?
- .....that "to bend the iron" means to change the position of the switch?
- .....that "wiping the gauge" means to stop suddenly?
- .....that the first and only railway to the top of a volcano was opened in 1880 to the top of Mt. Vesuvius in Italy? The summit station is at over 4,000 ft.

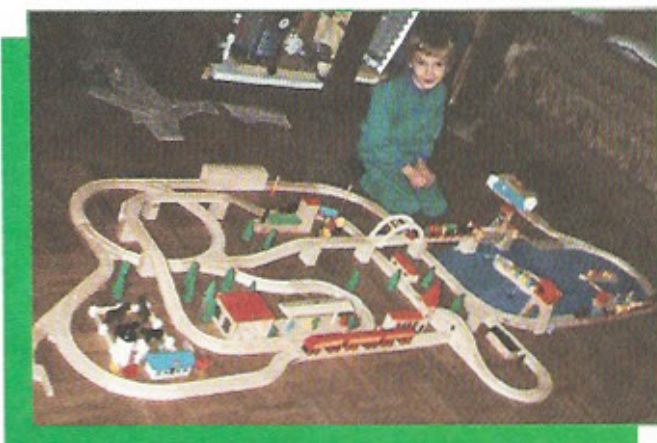
A mother has shared with us what the BRIO railway has meant to Omer, her autistic son: "70% of Omer's free playtime was spent with BRIO trains. It was during this time that he began speaking, learning 'Stop' and 'Go.' ....he began to accept others to play along side him and then to even play with them. These things sound simple enough—but for Omer, they were major milestones and significant real life changes. Progress with a capital 'P.' Now other children can join in and together, through the trains and tracks, they can connect their lives and learn the skills that we all acquire so naturally."

## At 3 or 5 or 7 - they all love their BRIO Trains

**G**eoffrey, 3, from New Jersey is a 'train fanatic' and builds his layouts on a big platform in his playroom. He likes to look at and 'read' the Newsletters.



**M**artin, 5, from Connecticut has built this big layout and adds his blocks to it. He plays with his BRIO train for hours.



**B**ill, 7, from South Carolina set himself the task of creating a 'neat' layout to send to the Newsletter. He sure has done it!



## The Highest Railways in the World


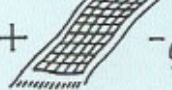
Do you recognize the continent outlined on this page?




It has the 10 highest railway summits in the world.

What else do you know about this continent?

Two countries on this continent have railways that reach the greatest altitudes in the world.









Figure out the names of these two countries and fill them in on the map.

1.  -a +  -g =

2.  -t +  +  -r + a =

# MATCHING

Safety is important to the Railways, just like it is to us whether we are walking, biking, or riding in cars. These signs give us information for our own safety. Draw lines between the traffic signs and what they mean.

	Watch out for bicycles	
	Pedestrian crossing	
	Signal ahead	
	Train Crossing	
	Stop	
	School ahead	
	Railroad Crossing* ahead	
	Drive One Way only	

\* Have you heard the old riddle: Railroad Crossing, Look out for the cars! Can you spell it without any Rs?  
What kind of ears do trains have? (answers: it, engineers)

## **Engineers Club**

Local Station Master

To BRIO Engineer

**HERE'S YOUR NEWSLETTER**

