

Fan Club NEWS 01/2014 – English Translation

For a copy of the fischertechnik newsletter/magazine (in German) see our webpage...

www.procontechology.com.au/newindex.htm

Page 1

Dear Fans,

It's almost here! On July 27, 2014 fischertechnik is opening its doors again to you for the 8th FAN CLUB Day. Be there when a number of events and numerous programs are offered to you. We are especially looking forward to your creative models. You are certainly already quite curious about the new construction sets. You can read more about the new products on pages 4 and 5. I'm anxious to see how you like them. We were especially looking forward to the new PROFI Dynamic XL. We had barely introduced it at the trade show, when it was nominated for the coveted toy prize "Das Goldene Schaukelpferd" (the golden rocking horse) in the category "Game and Technology". Read more about this on Page 2. We wish you an entertaining read and lots of fun with the new FAN CLUB News! Yours Tobias.

In the field with fischertechnik - New: ADVANCED Tractor Set IR Control

All tractor fans can especially look forward to the new construction set ADVANCED Tractor Set IR Control. You use 540 parts to create a stable tractor and one of seven functioning attachments at a time. The highlight of the construction set is the 4-channel infrared remote control. With this you can really plough around the playroom. Read more about this on Page 4.

Lots of action and new offers - 8th FAN CLUB Day in Waldachtal

It's coming on July 27, 2014! The 8th FAN CLUB Day takes place in Waldachtal from 10 AM to 4 PM. In addition to a company tour, a model show by fans, a special sales event and ROBOTICS workshops, you can expect new highlights as well. You want to present your models in the fan model show? Every exhibitor receives a surprise package as a thank you. Please send an email to Tobias.Brezing@fischer.de by the end of April specifying space and power needs. We look forward to your visit!

Page 2

Swing ride in miniature format

Around 800 children and adults at the fischertechnik exhibit in Munster were fascinated by what the 23 fischertechnik fans presented in the Chamber of Crafts Training Centre. They especially marvelled at the giant swing ride.

Fan-tastic handicraft ideas - To the World Cup with fischerTiP 500

The football World Cup can come with the new TiP Bucket 500 Germany. The fan bucket contains TiPs in national colours. You can use it to create personal fan articles on your own or with the whole family. By doing so you can create a unique item for public viewing or for home where the sofa can become the grandstand. With the included string you can create a lei and pennant garland. But with a bit of skill and imagination you can also use the black, red and yellow TiPs to create a flag, a hat or an eyeshade. With that your children's room is guaranteed to become a fan fest. The TiPs are packaged in a practical bucket that you can use as a storage container or as a drum. The assembly instructions will give you ideas and assistance as you create your fan articles. fischer TiP Bucket 500 Germany. From 3 years. 500 TiPs in black, red and gold. Sponge cloth, cutting tool, eyeshade to glue onto, assembly instruction. Price: 11.95 euros • Now available

Nomination for fischertechnik - Das Goldene Schaukelpferd 2014

Once again a construction set from fischertechnik was nominated for "Das Goldene Schaukelpferd" toy competition. The PROFI Dynamic XL is competing against 9 other entrants in the "Game and Technology" category. You want to support us here? From June 4 to July 4, 2014 you can submit your vote for the PROFI Dynamic XL at www.familieundco.de Read more about this construction set on Page 4.

Fun until you drop - The fischertechnik model Louis reports from the Spielwarenmesse toy fair

Prominent, dressed-up people, photographers and many cameras: Louis, age 10, experienced this as a model for fischertechnik at the Spielwarenmesse during the presentation of new products. This is held on the first day of the trade fair exclusively for media representatives from TV, radio, etc. "At the trade fair, there were photographers, editors, people with cameras," exclaimed Lewis: "I was wearing a Germany World Cup T-shirt and played football at the fischertechnik stand with a model from the new ROBOTICS TXT Discovery Set. I wanted to show everything the robot can do. I controlled the robot with hand movements. People were really excited. It was a great motif for photographers and television. Time went by quickly. It was really fun, but after 3 hours of waving my arm really hurt."

Page 3

Da Vinci - the genius - fischertechnik supports exhibition with construction sets

The exhibition entitled "Da Vinci - the Genius" is expecting you in Nuremberg from April 12, 2014. The entire expanse of da Vinci's works will be displayed until August 10, 2014. There are over 200 objects, including 75 life-size machine models, to discover and try out. We are making PROFI Da Vinci Machines construction sets available at this exhibition for workshops for families and school classes. You can use the construction sets to re-create the models designed by da Vinci and to better understand the technical correlations. You can discover more about the exhibit and the dates of the fischertechnik workshops at www.davinci-nuernberg.de

Common passion - First fischertechnik model building association in Germany

We are very pleased about the first fischertechnik model building association in Germany: ftc Modellbau e. V. We congratulate Chairman Martin Westphal, Secretary Stefan Falk, Treasurer Frederik Vormann and members of the board Sven Engelke and Christian Potter. According to information from the chairman, members can join at a later point in time.

Technology on tour: Become a "junior engineer"!

VDInI-Club-mobile starts its first technology tour across Germany in autumn. Events will be offered in various cities through the middle of 2016. All members of the VDInI and fischertechnik Fan Clubs between the ages of 4 to 12 can participate. You can let your technical creativity run free while experimenting and improvising. Do you have a cool invention or a special idea? Then present it to us. A jury and online voting on YouTube will determine the winner. There are great prizes for the daily winners and the finalists. For more information, visit: www.vdini-club.de

Always up-to-date - Facebook, YouTube and Twitter

Do you want to always be up-to-date with fischertechnik information? Then we offer you not only the FAN CLUB News and the web page, but also our Facebook, YouTube and Twitter channels. There you can find information on new products, exciting videos, notes about new events and an exchange of ideas and experience with like-minded people. Let us know your ideas and requests, or upload photos and videos of your models. Take a look.

www.facebook.com/fischertechnik

www.twitter.com/fischertechnik

www.youtube.com/fischertechnikTV

fischertechnik is going around the world - Pupils learn with construction sets

Of course the whole world will be talking about nothing other than the football World Cup soon. So in the FAN CLUB News we report about the activities of fischertechnik in Brazil and 2 other countries in South and Central America. In the Brazilian state of Paraiba, for instance, schoolchildren learn using construction sets from fischertechnik. In 150 schools, 1,500 teachers use 19,000 construction sets from the PROFI and ROBOTICS lines to teach technology to pupils. In the South, Brazil is bordered by the small country of Uruguay. There too pupils work with 1,800 ROBO LT Beginner Lab construction sets in the classroom. If we now briefly close our eyes and make a jump to Central America, we'll land in Panama, a small country known for the Panama Canal. There pupils at 215 schools fiddle with 1,800 sets from the ROBOTICS line. The Near East is also excited about fischertechnik construction sets. So pupils, teachers and directors from the Education Ministry of Oman travelled to Waldachtal to visit us. We showed the wide variety of ways construction sets can be used from elementary school through to university. The program included, among other things, a pedagogical robotics training course, visits to Robotics AG, to 2 vocational colleges and to a university of applied sciences.

Page 4

Complete set with IR remote control - New: Fischertechnik ADVANCED Tractor Set IR Control

Models: pusher plate, two-way plough, hay turner, rotary mower, harrow, cable winch, double rotary wind mower. Now fischertechnik can be used for fieldwork! And if you are fans of remote-controlled vehicles, you can especially look forward to the new ADVANCED Tractor Set IR Control. The new construction set consists of 540 parts and includes a gearbox and a servomotor in addition to a 4-channel infrared remote control. You can use the pieces to construct a stable tractor with many details and one of 7 functioning attachments at a time. The double rotary wind mower, rotary mower and hay turner, for instance, are driven by a rotating power take-off just like the life-size tractors. The steering angle of the servo and the speed of the motor can be controlled by the 4-channel infrared remote control. With new construction set you can, for example, infinitely control the speed of the gear motor, the steering angle of the servomotor and optionally 2 additional motors. Using the 2 control sticks with the fischertechnik look, you are always in firm control: The zero position of the servomotor is set via a rotary knob on the receiver. You can use this, for instance, to adjust the directional stability of a vehicle (trim function). The remote control has a range of approximately 10 metres in a closed room. The transmitter and the gear motor are each powered by a 9V battery.

ADVANCED Tractor Set IR Control: '7 years and up', '8 models', '540 parts'. With proportional 4-channel infrared remote control, receiver, gear motor, servo and battery holder for 9V battery. Ideal additions: PLUS Motor Set XS, PLUS Sound+Lights, PLUS Accu Set. Price: 149.95 euros. Now available **Sounds for Tractor Set IR Control!**

With the fun code TSIRC you can download 3 new sounds for the PLUS Sound+Lights Set for free! These are typical agricultural sounds suitable for the ADVANCED Tractor Set IR Control. Here's how it works: Log into the Fan Club section at www.fischertechnik.de/en ("Login Fanclub" in the upper right). The fun code is located under the "Fan Club" main navigation point. If you don't yet have an account for the online site, you can register by clicking on "Register". Have fun!

The 2 new PROFIs - New: fischertechnik PROFI Dynamic XL and PROFI Electronics

Do you enjoy playing with ball obstacle courses? You're excited about PROFI Dynamic and ADVANCED Rolling Action? Then pay attention! With the new PROFI Dynamic XL containing over 1,000 parts, you can build even bigger, faster and more refined obstacle courses. In addition, action parts such as cross-overs, 90° turns and catch funnels offer new course design options! With the new PROFI Electronics set you can find out how electrons flow and how current can be switched, controlled and amplified. How does a torch work? And why does the lamp in the refrigerator come on when the door is opened? With everyday models you understand quickly how series, parallel and alternating connections function. Understand the basics of electronics by just playing!

PROFI Dynamic XL: '9 years and up' '8 models', '1,000 parts'. With mini motor, 2 rainbow LEDs, 31 flex-rails, 12 steel balls, catch funnel, 5x 90° turns, cross-over, battery tray for 9V block' With didactic activity booklet on the topic of "Materials-handling technology". Price: 149.95 euros • Available from July 2014.

PROFI Electronics: '9 years and up', '12 models', '260 parts'. With electronics module, XS motor, 2 transistors, 2 capacitors, 4 resistors, 2 mini-switches, phototransistor, temperature sensor, lens tip lamp, 2 rainbow LEDs, 9V battery holder and didactic activity booklet. Price: 119.95 euros • Available from July 2014.

Page 5

For the engineers of tomorrow - New: fischertechnik ROBOTICS LT Beginner Set

For the engineers of tomorrow: The new construction set fischertechnik ROBOTICS LT Beginner Set conveys knowledge about building and programming robots through play. The construction set is the entrance into the new ROBOTICS world of fischertechnik for children from 8 years of age. You can build 12 different models from this construction set, such as a hand dryer, a motor test bench or a lighthouse with blinking light. You can easily program these using the graphic interface of the ROBO Pro Light software. You thus discover the technology of everyday life and learn to understand it. Why does a merry-go-round start up slowly and stop softly? Why does the light in the staircase automatically go out after a certain time? How does the sliding door open without a switch being pressed? The heart of this construction set is the ROBO LT Controller with 3 inputs for sensors and 2 outputs for motors or lamps. The ROBO LT Controller has a USB interface which also serves as the power supply. The extensive assembly instruction and the didactic activity booklet supplement the construction set.

ROBOTICS LT Beginner Set: • '8 years and up', '12 models', '200 parts'. With ROBO LT Controller (USB interface/USB power supply), ROBO Pro Light software, XS motor, 2 lamps, lens tip lamp, phototransistor, 2 mini-switches and didactic activity booklet. Price: 149.95 euros'. Now available **Discover the world with robots**

New: fischertechnik ROBOTICS TXT Discovery Set

The new ROBOTICS TXT Discovery Set contains a USB camera with colour and movement recognition, the new TXT Controller with colour touch display and combined W-LAN/Bluetooth module and much more. The models cannot only explore rooms; they can also play football. You can control them with an Android smart phone in an Android tablet. You can read more about the ROBOTICS TXT Discovery Set in the coming issue.

ROBOTICS TXT Discovery Set:- From 10 years' 11 models' 310 parts' ROBOTICS TXT Controller, ROBO Pro software, USB camera, 2 encoder motors, XS motor, 2 LEDs, 2 mini-switches, phototransistor and temperature sensor' With didactic activity booklet- Required: PLUS Accu Set- Price: 369.95 euros • Available from September.

Page 6

GALLERY

Many thanks for continuing to send the numerous e-mails with photos of interesting and funny fischertechnik models! Here we show you a selection of models. In addition, you can visit www.fischertechnik.de/en to vote for the coolest model. Take a look! Please keep in mind that we can only consider photos that are sent via email to info@fischertechnik.de

Congratulations!

In the 02/2013 issue, we asked you how many theme countries are included in the Europa-Park in Rust. The right answer - 13 countries - was submitted by Lukas from Schnelldorf, Niklas from Griesheim and Frederik from Wunstorf. All of them can look forward to receiving 4 tickets for admission to the Europa-Park. "Solar" was the correct solution word to the quiz. The prize, a PROFI Oeco Energy construction set, goes to Soren from Emmerthal. We sincerely congratulate all 4 winners!

Confusing!

What chaos! Next Mr. Farmer lost his tractor load over the entire field. Can you help him collect his letters again? Mr. Farmer has to transport them along the tractor tracks to the right place in the barn. If you do everything right, the letters produce a solution word. Send your solution in an email with the subject "Tractor" by April 30 to gewinnspiel@fischertechnik.de. The winner will receive an ADVANCED Tractor Set IR Control construction set. The winner will be notified in writing. The decision is final and there can be no appeal. Good luck!

Quadruplets

Take a good look at these 9 pictures. Only 4 of the models in the pictures are the same. Can you find them? Put the letters in the right order and send your solution by April 30 to gewinnspiel@fischertechnik.de. Put "Quadruplets 01/14" in the subject line. We will raffle off a fischertechnik ROBOTICS LT Beginner Set construction set among all the entrants. The winner of the construction set will be notified in writing. The decision is final and there can be no appeal. Good luck!

Page 7

Assembly instruction - No. 44 - FAN CLUB model remote-controlled dragster for your collection

You can build a cool dragster by combining the two construction sets ADVANCED Tractor Set IR Control and ADVANCED Universal 3. The new gear motor, the servomotor and the IR receiver from the Tractor Set IR Control are used in the dragster. You can control the dragster with the IR remote control! Now all you have to do is find a race track and you can take off! Have fun constructing and playing!