

PAWNS IN SPACE: 100 ISSUES LATER WORLD YOUTH CHESS CHAMPIONSHIPS ROOKS BEHIND PASSED PAWNS

SCHOLAR'S MATE

SCHOLAR'S MATE is **Canada's Chess Magazine** For Kids. You can enjoy it on-line, for free!

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If you have any questions about the e-magazine, please contact us at:

scholarsmate@chess-math.org



HELLO, EARTHLINGS!



Greetings from outer space! Welcome to our *Pawns in Space* issue. I hope you have your helmets on and your seat belts fastened. We're taking off shortly.

Congratulations to all the Canadians who took part in the *World Youth Chess Championships* in December. In case you didn't hear, Harmony Zhu of Toronto is the new world champion for girls under 8 years old. Wow!

And if you're wondering about the drawing on the cover, this is the 100th *Scholar's Mate* with Jeff Coakley as editor. We're travelling back in time to bring you his first story: Pawns In Space.

Hang on!



Scholar's Mate 121

SCHOLAR'S MATE 3423 St. Denis #400 Montreal, Quebec H2X 3L2



EDITOR

Jeff Coakley

Antoine Duff

Illustrator

spaceship page 32 Ian Howard

Scholar's Mate is published five times per year by the Chess'n Math Association. Dates of issue : October 15, December 15, February 15, April 15, June 15

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February 2014 (date of issue)

Hi, friends!

Scholar's Mate is now an e-magazine! Anyone can read it for free on the internet, so there are no more subscriptions. But you will need a free program called DNL Reader, which is available on our website. Or you can download a PDF version of the magazine.

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HOW TO READ A CHESS GAME

It's easy. The board has 8 files and 8 ranks. Files are the rows of squares that go up and down. Each one is named by a small letter. Ranks are rows that go sideways. Each one is named by a number.

Every square also has a name. The first part is its file and the second part is its rank. In this diagram, a white pawn moved to e4 and a black pawn to e5.

When moves are written down, the first capital letter shows the piece which moves. \mathbf{Q} is queen. \mathbf{B} is bishop. \mathbf{R} is rook. \mathbf{N} is used for knight because the king is \mathbf{K} . If there is no capital letter, that means a pawn moves.

Next is the square that the piece moves to. **Bc4** says that a bishop moves to the square c4. When a piece is captured, an **x** is put before the square. **Qxf7** means a queen takes on f7.

If a pawn captures, the letter of the file it starts on is given first, then an \mathbf{x} followed by the square it takes on. **exd5** says a pawn on the e-file captures on the square d5.

When two pieces of the same kind can go to the same spot, another letter is put after the piece to show what file it came from. **Rae1** tells us that a rook on the a-file moves to e1.

If the pieces that can move to the same spot are on the same file, then their rank number is added. **N6e4** means the knight on the 6th rank moves to e4.



Here are some special symbols:

- + check
- # checkmate
- e.p. en passant
- 0-0 castles kingside
- O-O-O castles queenside
 - 1 0 white wins
 - 0 1 black wins
- 1/2 1/2 draw

- excellent move
- ? mistake
- !? cool move
- ?! weird (weak) move

The game below is written in **algebraic notation**. Kiril was new to chess and fell into an old trap called **Scholar's Mate**!

	ROCKY	KIRIL
1.	e4	e5
2.	Qh5	d6
3.	Bc4	Nf6?
4.	Qxf7 #	

Oh no! Kiril got mated in just four moves. That was no fun!



Hey, friends!

This is Kiril the Pawn. I didn't receive any letters from readers this time. Maybe you can write me. Tell me about your chess club, show me a position from one of your games. ask me a question, or just say hi!

My address is given below. You can send contest entries there too. The prize for our usual contest is a Kiril t-shirt. But we're also giving away a deluxe wooden chess set in our special **WoW contest.** See the Scholar's Mate page on the Chess'n Math website for details. Good luck!







An important goal in rook endings is to keep your rook active. The surest way to get a bad game is to put your rook in a passive position where it is stuck on defence.

When there is a passed pawn on the board, both sides should try to place their rook "behind the pawn". Then, every time the pawn advances, the rook gets more room to move.

But if a rook stands in front of a passed pawn, then the opposite happens. With each step of the pawn, the freedom of the rook decreases.

Putting *rooks behind passed pawns* is a good general rule for all rook endgames. However, in this lesson, we will only look at basic positions with R+P vs. R.

In diagram #1, the white rook is behind the pawn, and the black rook is in front of it.

White's rook is perfectly placed to help push his passed pawn forward. The black rook is not so lucky. His freedom is almost zero. If he moves away, then the pawn promotes.

After **1.Kb6**, Black can resign. 1...Kf7 2.Kb7 Rd8 3.a8=Q Rxa8 4.Rxa8 1-0



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In example #2, everything is the same except that the two rooks have switched places. This makes all the difference in the world. Now the white rook is stuck in front of the pawn and the black rook has freedom. If Black plays carefully, White will not be able to win.

To draw, the black king must stay on g7 or h7. Leaving those ⁸ squares is a big mistake. For ⁷ example, going to the 6th rank ⁶ by 1...Kf6? loses to 2.Rf8+ Ke7 ⁵ 3.a8=Q. And 1...Kf7? is met by ⁴ 2.Rh8! Rxa7 3.Rh7+, skewering ³ the black rook. 3...Ke6 4.Rxa7. ² Another goof for Black to avoid ¹ is moving the rook off the a-file. ²



1...Rf1? 2.Rb8 and the pawn will promote.

So Black's first move should be **1...Kh7!** (or 1...Ra2), keeping the white rook tied to the defence of the pawn.

If White plays **2.Kb6**, protecting the pawn and freeing the rook, Black checks by **2...Rb1+**. As long as the white king guards the pawn, the black rook continues to check. **3.Ka6 Ra1+ 4.Kb7 Rb1+**. When the white king leaves the pawn undefended, then the black rook returns to the a-file. **5.Kc6 Ra1!** In this way, Black draws.



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In diagram #3, Black has just attacked the white pawn with ...Rb6. What would you play as White?





There are three options to consider. Two are bad and one is good.

Advancing 1.a7? loses the pawn to 1...Ra6+ 2.Kb3 Rxa7. So white has to guard the pawn with the rook.

The way to win is to get behind the pawn. This can be done with the check **1.Rc5+**, gaining a necessary tempo. After **1...Kg6 2.Ra5!**, the white rook is ready to *push* the pawn. The game might go 2...Rb8 3.a7 Ra8 4.Kb3 Kf6 5.Kb4 Ke6 6.Kb5 Kd7 7.Kb6 Kc8 8.Rc5+ Kd7 9.Kb7 1-0.

The way for White to only draw is to go in front of the pawn. The position following 1.Ra8? Kg6! 2.a7 Ra6+! 3.Kb3 Kg7! 4.Kb4 Ra1 5.Kc5 is the same as diagram #2.



In the line **1.Ra8? Kg6**, White could still try to win by leaving the pawn at a6.

Diagram #4 shows the position after **2.Ka3 Kg7 3.Ka4**. White's clever plan is to shelter the king from checks on the a7 square.

Black has to defend precisely. To draw, the rook has to check the white king along the ranks. (*This method cannot be used against a pawn on b6.*)



After 3...Kh7?, the white plan would work. 4.Ka5 Rb1 5.Rc8! Ra1+ 6.Kb6 Rb1+ 7.Ka7 Kg7 8.Ka8 Kf7 9.a7 Ke7 10.Rb8 Rc1 11.Kb7 Rb1+ 12.Kc6! Rc1+ 13.Kd5 Rd1+ 14.Kc4 Rc1+ 15.Kd3 Rd1+ 16.Kc2 1-0.

Black must play 3...Rf6!

From now on, if the white pawn ever advances, the black rook gets behind it. $(4.a7 \text{ Ra6+! } 5.\text{Kb5 Ra1 } \frac{1}{2}-\frac{1}{2})$

Following **4.Kb5**, the black rook checks from the f-file. **4...Rf5+ 5.Kc6 Rf6+**. Black continues checking until the white king approaches the black rook. 6.Kb7 Rf7+ 7.Kc6 Rf6+ 8.Kd5!? Rb6! 9.a7 Ra6! $\frac{1}{2}$ - $\frac{1}{2}$

See you next time!



CANADIAN CHESS CHALLENGE



2014 National Scholastic Championship

The Chess'n Math Association, Canada's national scholastic chess organization, is proud to announce the 26th annual Canadian Chess Challenge. We hope that you and your friends can take part this year.

The competition is played in three stages: regional, provincial, and national. The finals will take place on Victoria Day weekend in Winnipeg.

For information on how to enter the Canadian Chess Challenge, contact your provincial coordinator.



MORT AND MARLEY



Sorry, folks. The boys are a no show. But they'll be back next issue to announce the winner of our special WoW contest. For details, see the Scholar's Mate page on the Chess'n Math website.

CHESS'N MATH ASSOCIATION

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SCHOLAR'S MATE

Canada's Chess Magazine For Kids

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PHILIDOR

(1726 - 1795)

François-André Danican Philidor was not only the best chess player of his time, he was a famous musician too. The French grandmaster wrote the influential book *Analysis of the Game of Chess* in 1748 and also composed 23 successful operas.



"Pawns are the soul of chess."

Philidor liked to keep his pawns mobile. In the opening named after him, Black avoids blocking the pawn on c7 with 2...Nc6.

PHILIDOR DEFENCE 1.e4 e5 2.Nf3 d6

Philidor was the first player to understand the importance of the pawn formation. He pioneered other parts of the game as well. *Philidor's method* is the standard way of drawing a rook endgame when down a pawn, and the smothered mate is also known as *Philidor's legacy*.

CANADA TOP TEN

KINDERGAR	RTEN
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INDERGARTEN OFFENGENDEN Ron 2 ATANASOV Anthony 3 ETTIBARYAN Hovanes 4 CHEN Jason 5 HANNAHLEE Toro 5 LI Ze Yue 7 TANG Jacky 3 CHAN Anson 3 CHAN Anson 9 TAO Neilson 0 MA Dylan RADE 1	1000 AB 786 ON 688 ON 684 BC 616 BC 609 QC 582 BC 572 ON 560 QC 508 QC	GRADE 7 1 ZHANG Yuan Che 2 WAN Kevin 3 GEDAJLOVIC Ma 4 SHEN Chris 5 BALENDRA Harig 6 CHEN Richard 7 XU Jeffrey 8 JOHNSON-CONS 9 SHAMRONI Denn 10 NGUYEN Duy Th GRADE 8
 GUIPI BOPALA Prince ZHU Max CHEN Max ZHENG Richard XU Andrew CHEN Derek GHAZARIAN Tigran SHAPIRO Idan SUN Justin LI Dylan 	1130 QC 1046 BC 1012 ON 1008 QC 893 BC 883 ON 827 ON 822 ON 774 QC 725 ON	1 CAO Jason 2 ZHOU Qiyu 3 BELLISSIMO Jos 4 KASSAM Jamil 5 SONG Sam 6 LEI Sean 7 ZITA Matthew 8 YU Wenlu 9 KAISER Jakob 10 NIE Mark GRADE 9
ISSANI Nameer 2 ZHOU Aiden 3 NOORALI Aahil 4 WU Lucian 5 JIANG David 6 JEYAKUMAR Bhavatharshan 7 RUSONIK Max 8 GILANI Mysha 9 GADIN Andrew 0 SHEN Isamel RADE 3	1437 ON 1357 BC 1348 ON 1264 BC 1214 BC 1208 ON 1188 ON 1167 ON 1152 ON 1102 ON	1 PREOTU Razvan 2 SONG Michael 3 CHIKU-RATTE OI 4 YU Zong Yang 5 AWATRAMANI Ja 6 SHI Diwen 7 DOKNJAS John 8 ZHU HongRui 9 KONG Dezhong 10 MICHELASHVILI GRADE 10
LOW Kevin 2 ZHU Harmony 3 HUANG Qiuyu 2 ZHAO Jonathan 5 ENGLAND Max 5 SUPERCEANU Andi 7 DOKNJAS Neil 3 MO Aidan 9 LAU Julian 0 WU Nicholas	1728 BC 1638 ON 1615 QC 1478 ON 1401 ON 1380 AB 1331 BC 1324 ON 1308 AB 1305 ON	1 PLOTKIN Mark 2 DORRANCE Adau 3 LIN Tony 4 PENG Jackie 5 HERDIN Mathew 6 NASIR Zehn 7 SONG Terry 8 THANABALACHAI 9 ADRIAANSE Ada 10 HUI Jeremy
RODRIGUE-LEMIEUX Shawn 2 AKOPHYAN Nick 3 ZHONG Wenxuan 4 LIN Benjamin 5 VETTESE Nicholas 5 LI Alan 7 LIU Robert 8 DURETTE Francis 9 MAH Sean 0 WASHIMKAR Arhant	1710 QC 1581 ON 1572 QC 1548 ON 1531 ON 1400 ON 1398 QC 1384 QC 1357 AB 1354 ON	1 WANG Richard 2 KNOX Christophe 3 SEMIANIUK Kons 4 LI Kevin 5 FU James 6 LO Ryan 7 KALRA Agastya 8 LUO Zhao Yang 9 NYAMDORJ Dava 10 WU Ray
NORITSYN Sergey 2 HUA Eugene 3 GROSSMANN Lenard 4 WANG Kaixin 5 GUO Thomas 5 TALUKDAR Rohan 7 RICHARDSON Kai 8 MING Wenyang 9 PULFER Luke 0 LIU Daniel RADE 6	2152 ON 1851 ON 1829 AB 1809 AB 1803 ON 1784 ON 1751 BC 1748 ON 1662 BC 1577 ON	1 QIN Joey 2 SOHAL Tanraj 3 NIKULICH Oleksa 4 GUO Forest 5 FLOREA Alexand 6 ZHANG Zhiyuan 7 LEU Richard 8 WU Qi You 9 WASSERMAN Le 10 KALAYDINA Regi HONOUR ROLL
 DOKNJAS Joshua YAO David OUELLET Maili-Jade SU Michael ZHAO Yue Tong FAN Run Kun YIE Kevin ZHANG Hou Han CAI Jason ZHANG Zhehai 	1878 BC 1877 AB 1876 QC 1870 BC 1786 ON 1775 QC 1663 ON 1609 QC 1605 ON 1592 ON	1 PREOTU Razvan 2 WANG Richard 3 QIN Joey 4 KNOX Christophe 5 SONG Michael 6 CHIKU-RATTE OI 7 SOHAL Tanraj 8 CAO Jason 9 YU Zong Yang 10 SEMIANIUK Kons

GRADE 7	
2 WAN Kevin	2269 ON 2168 ON
3 GEDAJLOVIC Max	2071 BC
5 BALENDRA Harigaran	2008 ON 2001 ON
6 CHEN Richard	1865 ON
7 XU Jeffrey 8 JOHNSON-CONSTANTIN M	1861 ON 1752 OC
9 SHAMRONI Dennis	1752 ÔN
10 NGUYEN Duy Thien An	1746 ON
1 CAO Jason	2329 BC
2 ZHOU Qiyu	2205 ON
4 KASSAM Jamil	1854 AB
5 SONG Sam	1848 NB
7 ZITA Matthew	1795 AB
8 YU Wenlu	1790 ON
9 KAISER JAKOD 10 NIE Mark	1732 AB 1715 AB
GRADE 9	
1 PREOTU Razvan 2 SONG Michael	2529 ON
3 CHIKU-RATTE Olivier Kenta	2351 QC
4 YU Zong Yang	2300 QC
6 SHI Diwen	2227 BC 2116 AB
7 DOKNJAS John	2107 BC
8 ZHU HongRui 9 KONG Dezhong	2074 QC 1980 BC
10 MICHELASHVILI Aleksandre	1880 ON
GRADE 10 1 PLOTKIN Mark	2267 ON
2 DORRANCE Adam	2242 NS
3 LIN Tony	2229 ON
5 HERDIN Mathew	2184 BC
6 NASIR Zehn	2134 ON
7 SONG TERRY 8 THANABALACHANDRAN Kaian	2061 ON 2002 ON
9 ADRIAANSE Adam	1994 ON
GRADE 11	1968 BC
1 WANG Richard	2471 AB
2 KNOX Christopher 3 SEMIANILIK Konstantin	2374 ON
4 LI Kevin	2271 MB
5 FU James	2241 ON
7 KALRA Agastya	2178 ON
8 LUO Zhao Yang	2141 QC
10 WU Ray	2072 BC 2070 BC
GRADE 12	2454 01
2 SOHAL Tanrai	2346 BC
3 NIKULICH Oleksandr	2100 QC
4 GUO Forest 5 FLOREA Alexandru	2051 QC 2039 ON
6 ZHANG Zhiyuan	2025 ON
7 LEU Richard	2014 ON
9 WASSERMAN Leor	1962 MB
10 KALAYDINA Regina-Veronicka	1914 AB
1 PREOTU Razvan	2529 ON
2 WANG Richard	2471 AB
3 QIN JOEY 4 KNOX Christopher	2454 UN 2374 ON
5 SONG Michael	2369 ON
6 CHIKU-RATTE Olivier Kenta 7 SOHAL Taprai	2351 QC
8 CAO Jason	2329 BC
9 YU Zong Yang	2300 QC
TU SEMIANIUK Konstantin	2272 UN









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ONTARIO TOP TEN

CINDERGARTEN		GRADE 7	~~~
1 ATANASOV Anthony	786	1 ZHANG Yuan Chen	226
3 CHAN Anson	572	3 SHEN Chris	200
4 SCHAFFFLFR Amon	454	4 BALENDRA Harigaran	200
5 YANG Jessica	421	5 CHEN Richard	186
6 ZHANG Alex	402	6 XU Jeffrey	186
7 LEE Nathan	399	7 SHAMRONI Dennis	175
8 GAGARIN Leon	391	8 NGUYEN Duy Thien An	174
	3/8	9 ZHAO Harry	173
	370	GRADE 8	173
1 CHEN Max	1012	1 ZHOU Qiyu	220
2 CHEN Derek	883	2 BELLISSIMO Joseph	206
3 GHAZARIAN Tigran	827	3 LEI Sean	179
4 SHAPIRO Idan	822	4 YU Wenlu	179
5 LI Dylan	725	5 ZHONG Joey	171
6 ZHANG ANDREW	642	6 WANG ERIC 7 RENG lanot	1/1
8 KIIIIC Marco	613	8 AGHAMALIAN Derick	158
9 YEW Jason	597	9 SONG Fric	151
0 ZHAO Jeffrey	559	10 CHEUNG Benedict	143
GRADE 2		GRADE 9	
1 ISSANI Nameer	1437	1 PREOTU Razvan	252
2 NOORALI Aahil	1348	2 SONG Michael	236
3 JEYAKUMAR Bhavatharshan	1208	3 MICHELASHVILI Aleksandre	188
5 GILANI Mysha	1167	5 TERRY Joshua	178
6 RADIN Andrew	1152	6 LI Yinshi	177
7 SHEN Isamel	1102	7 YE Hanvuan	172
8 ETTIBARYAN Levon	1060	8 TAO Rachel	162
9 ZHU Max	1022	9 LI Michael	160
0 XU Yaorui	1020	10 POBERESHNIKOVA Agniya	158
GRADE 3	4000	GRADE 10	000
2 ZHU Harmony	1638	1 PLOTKIN Mark	220
3 ENGLAND May	1470	3 PENG lackie	220
4 MO Aidan	1324	4 NASIR Zehn	213
5 WU Nicholas	1305	5 SONG Terry	206
6 TANG Matthew	1238	6 THANABALACHANDRAN Kajan	200
7 CHEN Hao	1187	7 ADRIAANSE Adam	199
8 KULIC Mateo	1116	8 ZHANG Kevin Z.	186
9 GAN David	1070	9 SAMETOVA Znanna	183
	1000	GRADE 11	150
1 AKOPHYAN Nick	1581	1 KNOX Christopher	237
2 LIN Benjamin	1548	2 SEMIANIUK Konstantin	227
3 VETTESE Nicholas	1531	3 FU James	224
4 LI Alan	1400	4 KALRA Agastya	217
5 WASHIMKAR Arnant	1354	5 SUN MIKE	193
7 YANG Fan	1295	7 OLAN Owen	181
8 FKZHANOV Sergev	1283	8 JEYAPRAGASAN Kuhan	171
9 LAWRENCE Livinson	1271	9 POSARATNANATHAN Juliaan	168
0 WANG Thomas	1239	10 GIBLON Rebecca	167
GRADE 5		GRADE 12	
1 NORIISYN Sergey	2152	1 QIN Joey	245
2 GUO Thomas	1001		203
4 TALLIKDAR Rohan	1784	4 LELL Richard	202
5 MING Wenyang	1748	5 WU Qi You	199
6 LIU Daniel	1577	6 VYRAVANATHAN Sobiga	179
7 SIVAPATHASUNDARAM Manojh	1551	7 FARRANT-DIAZ Nathan	178
8 SURYA Benito	1426	8 CAI Tony	168
9 RUAN Colin	1421	9 DENBOK Daniel	165
	1421		162
1 ZHAO Yue Tong	1786	1 PREOTU Razvan	252
2 YIE Kevin	1663	2 QIN Joev	245
3 CAI Jason	1605	3 KNOX Christopher	237
4 ZHANG Zhehai	1592	4 SONG Michael	236
5 HUANG Immanuel	1535	5 SEMIANIUK Konstantin	227
	1518	6 ZHANG Yuan Chen	226
8 SEKAR Varun	1494	8 ELL James	220
9 XUE Andrew	1456	9 LIN Tony	222
0 TRUONG Kyle	1425	10 PENG Jackie	220
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QUEBEC TOP TEN

1 LI Ze Yue 609 1 JOHNSON-CONSTANTIN 2 TAO Neilson 560 2 YANG Eddie 3 MA Dylan 508 3 SAHA Ananda 4 CHANG Alexander 492 4 ZHANG Evan 5 HUARD Matheo 486 5 SAINE Zachary 6 OPOTA Nolhan 400 6 SUN Benjamin 7 POULIN Emile 394 7 ST-CYR Xavier 8 WING Isaac 378 8 HUANG Junhao 9 LI Ocean 369 9 YIP William 10 DESLANDES Romain 362 10 CHAVES Christopher 6 GRADE 1 GRADE 8 1 GUIPI BOPALA Prince 1130 1 WANG Kelly 2 ZHENG Richard 1008 2 SHI Linda 3 SUN Justin 774 3 LUO Alan 4 LIU Kevin 718 4 GAO Christine 5 LIANG Simon 682 5 LI Yilin 5 ZHANG Chen Rui 609 6	I Matthieu
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5 LIANG Simon 682 5 LI Yilin 6 ZHANG Chen Rui 609 6 VAILLANT Charles-Etier 7 LUI Guang Zhu 590 7 HE Haley 8 EPA DETTE Februard 582 8 VIONC Visual	
7 LUI Guang Zhu 590 7 HE Haley	
PERAPETTE Educard EP2 PYLONC Visuai	me
9 CORPS Maxime 580 9 LUO Wei Han	
10 SHAO Yi Chen 533 10 SERBAN Diana	
1 KULESHOVA Julia 1101 1 CHIKU-RATTE Olivier K	enta
2 OMICHI Haruaki 913 2 YU Zong Yang	onta
3 ZHONG Ziyi 862 3 ZHU HongRui	
4 CAI Tony 861 4 CHANG Michael	
6 XII Yihan 788 6 NIKIII ICH Andrev	
7 LE DUIN William 787 7 GAO Ying Chen	
8 RIVAS Cedric 775 8 WANG Yin Lai	
9 GONZALEZ Simon 743 9 LI George	
GRADE 3 GRADE 10	
1 HUANG Qiuyu 1615 1 YUN Chang	
2 BERCUVITZ Tani 1091 2 JOHNSON Nicholas	
3 YANG Patrick 996 3 MANAILOIU Dragos	
5 ZENG Raymond 956 5 NAZARIAN Ara	
6 KHANIN Nikita 943 6 SAMIKOV Chingis	
7 RASMUSSEN Nicolas 937 7 JIANG Nathan	
8 LIU Owen 937 8 HARRIS Gabriel	
10 GOGA Flavia-Maria 880 10 TURCOTTE VAN DE RY	DT C
GRADE 4 GRADE 11	5.0.
1 RODRIGUE-LEMIEUX Shawn 1710 1 LUO Zhao Yang	
2 ZHONG WENXUAN 1572 Z LEPINE CEGIIC 3 LILL Robert 1398 3 AL CANTARA Maximo	
4 DURETTE Francis 1384 4 PAQUETTE Alexandre	
5 DEMCHENKO Svitlana 1336 5 SHI Yang Sky	
6 XIE Dazhuo 1200 6 LIU Mu Dong	
8 YIL Xi Ming 1169 8 LORANGER Erika	
9 SHI Leo 1100 9 VOLKOV Vladislav	
10 LI Xuan Xuan 988 10 SMIRNOV Arteme-Iouri	
GRADE 5 GRADE 12 1 LAI William 1564 1 NIKULICH Oleksandr	
2 GUAN Zivu 1430 2 GUO Forest	
3 TINICA Gabriel 1348 3 YAO Houji	
4 LIU Julia 1253 4 WANG Yan	
5 ISYPIN Allison 1243 5 IAN Guang long 6 SEGUIN Éliatt 1237 6 MA Indy	
7 ZHAO William 1236 7 YU Kexin	
8 TESSIER Leo 1132 8 XU Tian Run	
9 CAUCHY-VAILLANCOURT Marek 1074 9 PLANTE Santiago	
GRADE 6 HONOUR ROLL	
1 OUELLET Maili-Jade 1876 1 CHIKU-RATTE Olivier K	enta
2 FAN Run Kun 1775 2 YU Zong Yang	
3 ZHANG Hou Han 1609 3 LUO Zhao Yang 4 LUD Doisy 1489 4 NIKULUCH Olekoonde	
3 ZHANG Hou Han 1609 3 LUO Zhao Yang 4 LU Daisy 1488 4 NIKULICH Oleksandr 5 LUO Muhan 1423 5 ZHU HongRui	
3ZHANG Hou Han16093LUO Zhao Yang4LU Daisy14884NIKULCH Oleksandr5LUO Muhan14235ZHU HongRui6LU Jasmine13866GUO Forest	
3ZHANG Hou Han16093LUO Zhao Yang4LU Daisy14884NIKULCH Oleksandr5LUO Muhan14235ZHU HongRui6LU Jasmine13866GUO Forest7TURGEON Yoakim13177LEPINE Cedric	
3 ZHANG Hou Han 1609 3 LUO Zhao Yang 4 LU Daisy 1488 4 NIKULCH Oleksandr 5 LUO Muhan 1423 5 ZHU HongRui 6 LU Jasmine 1386 6 GUO Forest 7 TURGEON Yoakim 1317 7 LEPINE Cedric 8 BECERRA-HERRERA Abel 1294 8 OUELLET Maili-Jade 9 GAO Catherine 1289 9 VUN Chanc	

ndrey ien icholas Dragos ng ra ingis riel AN DE RYDT C. ng ic Maximo lexandre Fian Erika dislav teme-louri eksandr ong tiago Marek E Olivier Kenta ing eksandr ric aili-Jade

Scholar's Mate 121

ATLANTIC TOP TEN

			CRADE 7
1 MCINTYRE Duncan	622	PF	1 DORRANCE Lucas 1493 NS
2 DICKIE Luke	464	PE	2 BOON-PETERSEN Stefan 1383 NL
3 CHEN Frank	457	NL	3 PICKARD Ryan 1282 NL
4 YANG Julia *	456	NL	4 TRAN Quoc 1153 NS
5 PAN Thomas	382	NL	5 CHISLETT Benjamin 1136 NL
6 CONNOR Zoe	379	PE	6 CHOWDHURY SoumyaDeep 1122 PE
7 MCGRATH LUKE	359		7 NOLAN JUSTIN 1105 NL 9 THETS Soi Jip 1036 NS
9 FRID Alex	356	NS	9 COADY Nicholas 1014 NI
10 KOMIAK Jacob *	337	NL	10 LOCKE Miles 1009 NL
GRADE 2			GRADE 8
1 FRANCOEUR Vincent	812	NB	1 SONG Sam 1848 NB
2 MACEACHERN Seamus	794	PE	2 MCKEOWN Gary 1322 NL
3 CASTONGUAY Ethan	782	NB	3 ROBICHAUD Alexandre 1294 NB
4 CHRISTIANSEN ASIIEI	646	NG	4 HE Kale 1133 NS 5 WALSH Androw 071 NI
6 LOCKE Sebastian	622	NI	6 NORMAN Bradley 949 PE
7 LI Sarah-Grace	539	NL	7 RONAHAN-WOOD Jack 938 PE
8 ROBICHAUD Zachery	536	NB	8 WHITT Sheldon 887 NL
9 ING Gabriel	531	PE	9 DELANEY Spenser 868 NL
10 LEBLANC Alex	522	NB	10 LU David 827 NS
GRADE 3	000	NII	GRADE 9
2 XAV/IER-LERLANC Alexandre	928		2 SCHRADER Nathanial 1250 NR
3 KAPRA Leriis	862	NS	3 ANDERSEN Paul 1244 NI
4 DORMODY Peter	859	NI	4 SNELGROVE Stephen 1208 NI
5 MORRIS Finn	632	PĒ	5 OLDFORD Noah 1199 NL
6 MURPHY Brennan	620	NS	6 GREGORY Liam 1091 NL
7 DENNY Annie-Rose	599	NL	7 ONG Ivanseth 1048 NS
8 BOON-PETERSEN Tobin	585	NL	8 JACKMAN Luke 1018 NL
9 GRANDY Jessica	575	PE	9 MAKAROV Joshua 991 NB
CRADE 4	502	112	GPADE 10
1 CHEN Norman	1108	NI	1 DORRANCE Adam 2242 NS
2 WALSH lan	1052	NL	2 FENG Bob 1667 NB
3 KUNDU Arnab	986	PE	3 MCKEOWN Brody 1154 NL
4 BROWN Callum	892	NS	4 LUDOVICE Diego 1098 NS
5 DOUCETTE Luc	769	PE	5 WANG Lee 1097 NS
	732	NL	6 WILKS Darius 1065 NS
8 HEFEERTON Harrison	723		8 HOLLAND Kevin 005 NS
9 LOCKE Heidi	706	NI	9 CAISSIE Sebastien 994 NB
10 HARRIS Jonathan	697	NL	10 GALLANT Cameron 983 NS
GRADE 5			GRADE 11
1 RUSSELL Brett	1167	NL	1 PETERS Jeremy 1638 NS
2 MCCALLUM Karla Lynn	1162	PE	2 QIU Christopher 1588 NL 2 DOPICHAUD Nicolog 1556 NB
3 DURNIEDEN Jonas	947	NI NI	3 RUBICHAUD NICOIAS 1550 NB 4 WANG Leffrey 1391 NS
5 KOSHI Benjamin	865	NS	5 ZHANG ManMan 1341 NI
6 BLAISDELL Hunter	860	PĔ	6 CROWELL lain 1318 PE
7 CUI Cynthia	844	NB	7 CHURCHILL Shea 1122 NL
8 LOTY Eric	800	NS	8 DAWSON Laura Jane 1115 NL
9 LI Kevin	795	NS	9 HINK lan 1066 PE
CRADE 6	761	NB	10 DREW Ryan 991 PE
1 HUANG Xingho	1307	NI	1 RENDZSA Matthew 1570 NI
2 JIA Jacky	1180	PE	2 MENG Peter 1400 NB
3 KERR lan	998	PĒ	3 GALLANT Dennis 1360 NS
4 MITTAL Ridhi	970	NL	4 TSAI Shang-Chen 1271 NS
5 KUNDU Arjun	956	PE	5 CASTONGŬAY-PAGE Yannick 1222 NB
6 MANNHOLLAND Noah	900	PE	6 CARSON Cody 1203 NB
7 GOSSE Daniel	895	NL	7 RAMOS Alexander 1156 NL
0 ROBTER Michael	094		0 ADAMS Kirk 1026 NS
10 WOODWORTH Kyle	870	NS	10 DESY-GILLIES Jean-Simon 974 NB
ROOKIE ROLL top K-6	010		HONOUR ROLL
1 HUANG Xingbo	1307	NL	1 DORRANCE Adam 2242 NS
2 JIA Jacky	1180	PE	2 SONG Sam 1848 NB
3 RUSSELL Brett	1167	NL	3 FENG Bob 1667 NB
4 MCCALLUM Karla Lynn	1162	PE	4 PETERS Jeremy 1638 NS
6 WALSH lan	1052	NL	6 BENDZSA Matthew 1570 NI
7 KERR lan	998	PF	7 ROBICHAUD Nicolas 1556 NR
8 KUNDU Arnab	986	PE	8 DORRANCE Lucas 1493 NS
9 MITTAL Ridhi	970	NL	9 MENG Peter 1400 NB
10 KUNDU Arjun	956	PE	10 WANG Jeffrey 1391 NS

WESTERN TOP TEN

KINDERGARTEN		
1 OFFENGENDEN Ron	1000	AB
2 CHEN JASON 3 HANNAHI EE Toro	616	BC
4 TANG Jacky	582	BC
5 BROWN Seth	441	AB
6 SASATA Natasha	380	SK
7 CROOM Tucker	369	BC
9 ZHANG Alex	362	BC
10 KANG Umber	342	BC
GRADE 1	40.40	
1 ZHU Max	1046	BC
3 QIAN Jason	714	BC
4 CHAN Oscar	697	ВČ
5 IMOO Joshua	694	BC
6 ZHANG Dustin	657	AB
8 LORTIE Sofia	529	SK
9 TEYMURAZYAN Sasha	525	AB
10 LIN Chloe	524	BC
GRADE 2	1057	
2 WILLucian	1264	BC
3 JIANG David	1214	BC
4 GU Chuyang	1043	ΒČ
5 LIU Kevin	1005	BC
6 FAN Elaine	995	BC
8 SILLADOR Gabriel	885	AB
9 WU Will	827	BC
10 TOLENTINO Khino	824	AB
GRADE 3	1720	PC
2 SUPERCEANU Andi	1380	AB
3 DOKNJAS Neil	1331	BC
4 LAU Julian	1308	AB
5 ZHANG Aidan	1300	BC
7 CHUNG Leo	1106	RC.
8 HUANG Patrick	1036	ВČ
9 TOLTON Alex	1003	AB
10 ZHANG Jerry	994	BC
1 MAH Sean	1357	AB
2 ZHENG Victor	1343	BC
3 ZHAO lan	1342	AB
4 GUO Jim	1270	BC
5 DU Daniel 6 TAM Jesse	1200	BC
7 SASATA Alexander	1151	ŠK
8 MA Gabriel	1143	BC
9 PAN Nicholas	1120	BC
GRADE 5	1108	AB
1 GROSSMANN Lenard	1829	AB
2 WANG Kaixin	1809	AB
3 RICHARDSON Kai	1751	BC
4 POLFER LUKE 5 LOW Ethan	1533	BC
6 CHUNG Alec	1512	ВČ
7 LIN Kaining	1495	AB
8 CHITRAKAR Siddhartha	1493	AB
9 RENY AIEX 10 CHEN Philip	1388	BC
GRADE 6	1213	50
1 DOKNJAS Joshua	1878	BC
2 YAO David	1877	AB
4 YII Rinna	1584	BC
5 MA Derek	1493	MB
6 TRAN Colin	1439	AB
7 MADOKORO Aidan	1424	BC
9 POLDAS Jonathan	1307	AB
10 WOLCHOCK Theo	1382	MB

GRADE 7 1 GEDAJLOVIC Max 2 MCCULLOUGH Ian 3 HAN Lionel 4 SHRESTHA Prayus 5 JAYAWEERA Lahiru 6 LIU Danny 7 WU Chenxi 8 SAWANT Digvijay 9 TOLENTINO Andre 10 MAWANI Adam	2071 BC 1610 AB 1485 BC 1475 AB 1467 BC 1419 BC 1387 AB 1377 BC 1370 AB 1362 AB
GRADE 8 1 CAO Jason 2 KASSAM Jamil 3 ZITA Matthew 4 KAISER Jakob 5 NIE Mark 6 SHAO Nathan 7 TAPP Ashley 8 YU Robin 9 KNOX Nathaniel 10 MULIAWAN Lukas	2329 BC 1854 AB 1795 AB 1732 AB 1715 AB 1659 BC 1633 BC 1626 BC 1596 BC 1576 AB
1 AWATRAMANI Janak	2227 BC
2 SHI Diwen	2116 AB
3 DOKNJAS John	2107 BC
4 KONG Dezhong	1980 BC
5 NYAMDORJ Uranchimeg	1779 BC
6 HOFFNER Noah	1777 AB
7 STANISLUS Allan	1742 AB
8 LEE Nicholas	1683 AB
9 WEI William	1682 AB
10 DI BLASI Luciano	1572 AB
1 HERDIN Mathew	2184 BC
2 HUI Jeremy	1968 BC
3 SWIFT Ryne	1768 MB
4 CUI Karl	1762 BC
5 MCCULLOUGH David	1694 AB
6 SITU Dennis	1687 AB
7 DESPRES Sebastien	1629 AB
8 ZHAO Chenxi	1615 AB
9 PAVLIC Stephen	1562 AB
10 SEDIGHI Nima	1336 BC
1 WANG Richard	2471 AB
2 LI Kevin	2271 MB
3 LO Ryan	2186 BC
4 NYAMDORJ Davaa-Ochir	2072 BC
5 WU Ray	2070 BC
6 LAI Jingzhou	1952 BC
7 WANG YueKai	1937 AB
8 PERICO Jenry	1837 AB
9 PANG Michael	1836 MB
10 LUDWIG Michael	1785 AB
SCHAL Tanraj SCHAL Tanraj WASSERMAN Leor KALAYDINA Regina-Veronicka Li Chang He SXIAO Alice SINGH Krishneel CATT Curtis VIRJI Naveed SREYNOLDSON Nigel LI Stanley	2346 BC 1962 MB 1914 AB 1842 BC 1814 BC 1715 AB 1661 BC 1534 AB 1475 SK 1236 AB
1 WANG Richard	2471 AB
2 SOHAL Tanraj	2346 BC
3 CAO Jason	2329 BC
4 LI Kevin	2271 MB
5 AWATRAMANI Janak	2227 BC
6 LO Ryan	2186 BC
7 HERDIN Mathew	2184 BC
8 SHI Diwen	2116 AB
9 DOKNJAS John	2107 BC
10 NYAMDORJ Davaa-Ochir	2072 BC



			GR/	ADE 7			
	528	SK	1	ZHU Jiarong	1561	ON	
	524	BC	2	WANG Constance	1542	ON	
	489	AB	3	LIU Dora	1527	ON	
	464	AB	4	YU Cindy	1333	QC	
	427	BC	5	TANG Terra	1249	ON	
			GR/	ADE 8			
	1167	ON	1	ZHOU Qiyu	2205	ON	
	1102	ON	2	WANG Kelly	1710	QC	
	1101	QC	3	SHI Linda	1680	QC	
	995	BC	4	PENG Janet	1589	ON	
	965	ON	5	GAO Christine	1526	QC	
			GR/	ADE 9			
	1638	ON	1	NYAMDORJ Uranchimeg	1779	BC	
	1068	ON	2	TAO Rachel	1624	ON	
	966	ON	3	POBERESHNIKOVA Agniya	1580	ON	
	880	QC	4	LI Kristen	1444	ON	
	828	BC	5	GIBLON Melissa	1372	ON	
			GR/	ADE 10			
a	1336	QC	1	PENG Jackie	2205	ON	
	1209	ON	2	YUN Chang	1870	QC	
	1186	ON	3	SAMETOVA Zhanna	1838	ON	
	1076	BC	4	SEDIGHI Nima	1336	BC	
	1036	AB	5	ROSCA Maria	1230	QC	
			GR/	ADE 11			
	1379	ON	1	GIBLON Rebecca	1674	ON	
	1362	ON	2	LORANGER Erika	1401	QC	
	1271	ON	3	HOU Louisa	1211	QC	
	1253	QC	4	XIA Linda	1143	ON	
	1243	QC	5	DAWSON Laura Jane	1115	NL	
			GR/	ADE 12			
	1876	QC	1	KALAYDINA Regina-Veronicka	1914	AB	
	1584	BC	2	XIAO Alice	1814	BC	
	1488	QC	3	VYRAVANATHAN Sobiga	1795	ON	
iyee	1419	ON	4	WANG Yan	1599	QC	
	1409	ON	5	MA Indy	1514	QC	
PARA	DE		4	CANADIAN QUE	INS		
	1876	QC	1	PENG Jackie	2205	ON	
	1638	ON	2	ZHOU Qiyu	2205	ON	
	1584	BC	3	KALAYDINA Regina-Veronicka	1914	AB	
	1488	QC	4	OUELLET Maili-Jade	1876	QC	
ivee	1419	ON	5	YUN Chang	1870	QC	
	1409	ON	6	SAMETOVA Zhanna	1838	ON	
	1401	ON	7	XIAO Alice	1814	BC	
	1386	QC	8	VYRAVANATHAN Sobiga	1795	ON	
	1379	ON	9	NYAMDORJ Uranchimed	1779	BC	

10 WANG Kelly

COMBO MOMBO !! SPOTLIGHT ON **DOUBLE ATTACK** 6 5 A 3 ĥ 介 2 g h a b С d f е

A *double attack* is any move that makes two threats at the same time.

The most common double attack is a *fork*. But there are other kinds too. The examples given here have moves which attack a piece and also threaten mate.

White wins by 1.Bxf6 Qxf6 2.Qh5!, with the two ۲ C threats 3.Qxh7# and 3.Qxa5.

Black to play has a similar combo with 1...Bxc3 1 2.bxc3 Qd5!, followed by 3...Qxq2# or 3...Qxq5.



Scholar's Mate 121

1710 QC

1 LORTIE Sofia 2 LIN Chloe 3 POLDAS Mishal 4 MEYNEN Aijha

5 MA Maria **GRADE 2**

3

1 GILANI Mysha 2 SHEN Isamel

4 FAN Elaine

1 ZHU Harmony 2 GUO Hazel

3 RADIN Claire 4 GOGA Flavia-Maria

5 TIO Kaitlyn

2 TAN Kylie 3 CHERTKOW Sasha

4 LIU Julia 5 TSYPIN Allison

2 YU Rinna 3 LU Daisy

2 ZHU Harmony

YU Rinna 4 LU Daisy

GRADE 6 1

4 ZHAO Cindy 5 MO Michelle **GRADE 5** 1

HENRY Nadia

ZHANG Taylor

ZHANG Jeannie

OUELLET Maili-Jade

KANESHALINGAM Ma

PARAPARAN Varshini

PRINCESS OUELLET Maili-Jade

KANESHALINGAM Ma

PARAPARAN Varshini

1362 ON

BIRAROV Nicole

LU Jasmine

HENRY Nadia

ZHANG Taylor

GRADE 3

GRADE 4

2

3

4 5

1

3

5

6

7

8

9

10

KULESHOVA Julia

1 DEMCHENKO Svitlana

5 ATANASOVA Rada





















4











LILY'S PUZZLER

Hi boys and girls!

In these puzzles, all you need is four queens. Don't forget, a piece does not attack the square that it stands on.



solutions page 45

Place four queens on the board so that:

- A. the most squares are attacked
- B. the fewest squares are attacked.
- C. no queen is guarded and every empty square except the four corners is attacked.





CANADA AND

WORLD

NEWS

MONTREAL 1894

Sixteen year old Frank Marshall wins the Montreal Chess Club Championship. Twenty years later he becomes one of the world's first grandmasters.



CANADIAN UNIVERSITIES

Twenty teams competed in the 2014 Canadian University Chess Championship, held on January 11-12 at Carleton University in Ottawa.

For the second year in a row, the winner was McGill University (Montreal). Team members were Louie Jiang, Michael Kleinman, Raven Sturt, Keith MacKinnon. University of Waterloo (Ontario) placed second.

SASKATCHEWAN

The December 8 tournament in Regina attracted 16 players. Tying for first place in the top section were Alexander Sasata, Daniel Wei, and Avram Tcherni.

QUEBEC YOUTH

The 2014 Quebec Youth Chess Championship, sponsored by PepsiCo, was held in Montreal on January 17-19. There were 36 participants in the five round event. The winners are:

- <12 Maïli-Jade Ouellet
- <14 Run Kun Fan Eddie Yang
- <16 Zong Yang Yu
- <18 Nicholas Johnson

QUEBEC JUNIOR

The 2014 Quebec Junior Chess Championship took place on February 7-9 in Montreal.

Four players tied for first with 4 points out of 5, splitting the \$1000 prize fund: Olivier Kenta Chiku-Ratté, Zong Yang Yu, Oleksandr Nikulich, and Nikita Kraiouchkine.

Olivier Kenta placed first on tie-breaks and was awarded the title of Quebec junior champion.

PRINCE EDWARD ISLAND

Fifty-four players took part in the February monthly tourney in Charlottetown, breaking the old attendance record by two. The winners in the top two sections were lain Crowell and Seamus MacEachern.

Scholar's Mate 121

WORLD YOUTH CHESS CHAMPIONSHIP

The 2013 World Youth Chess Championships took place in the United Arab Emirates on December 18-28. There were 1795 kids from 120 different countries participating this year, including 41 Canadians (27 boys and 14 girls).

The star of Team Canada was Harmony Zhu, the new *Girls Under* 8 *World Champion*! The third grader from Toronto scored 9 points out of 11 games to win the title. Hurray for Harmony!!

Nameer Issani (Toronto) also had a stellar performance, placing 9th in the *Open Under 8* section with an impressive 8 points.

Other players with outstanding scores in the open sections were Richard Wang (Edmonton, $7\frac{1}{2} < 16$), Aahil Noorali (Toronto, 7 <8), Rohan Talukdar (Windsor, 7 <10), and Luke Pulfer (Victoria, $6\frac{1}{2} <10$). And in the girls competition: Maïli-Jade Ouellet (Montreal 7 <12), Qiyu Zhou (Ottawa, 7 <14), and Jeannie Zhang (Windsor, $6\frac{1}{2} <10$). Way to go, eveyone!

See page 41 for all the Canadian results and the winners in each section. Next year's WYCC will be in Durban, South Africa.



HARMONY ZHU GIRLS WORLD CHAMPION

WORLD CHAMPIONSHIP

A Candidates Tournament will take place in Russia in March to determine the challenger for the next world championship match against Magnus Carlsen (Norway). These grandmasters have qualified for the event:

Viswanathan Anand	India
Vladimir Kramnik	Russia
Veselin Topalov	Bulgaria
Levon Aronian	Armenia
Sergey Karjakin	Russia
Peter Svidler	Russia
Dmitry Andreikin	Russia
S. Mamedyarov	Azerbeijan



WELCOME TO MY CONTEST !

Can you solve the 4 puzzles on the next page? Mail me your answers if you do. One lucky person will win a Kiril T-shirt. White moves first in the mate problems. In case you never saw a "maze" or "loyd" before, here are some examples:

In a CHESSMAZE only one white piece moves. In this maze, it is the white **bishop**. The object is to capture the black king without taking any pieces or moving where the bishop can be taken. Draw a line to show the path of the bishop. This is a **Maze in 9**. That means you should get the king in eleven moves or less.



The **TRIPLE LOYD** was invented by Sam Loyd, a famous chess composer. They are called triple because there are three parts. In part A, you place the black king on the board so that he is in checkmate. In part **B**, place him in stalemate. For part C, put the black king down so that White has a mate in 1. solutions page 45



We received 2 correct solutions to December's contest.

- 1 Mate in 1 1.Re2#
- 1.Qe5 Kf8 2.Qh8# (1...Kd8 2.Qb8#) 2 Mate in 2
- 3 Maze Qa8-d8-c7-h2-g1-e3-e2-d1-a1-a2 -g8-h8-h6xa6
- A.Kc1 B.Ka8 C.Kh8 (Rb8#) 4 Loyd

The winner of the drawing for a Kiril T-shirt is: Mark Russell of St. John's, Newfoundland

KIRIL'S KONTEST

E-mail entries to: kiril@chess-math.org Deadline: March 31



PLACE THE BLACK KING IN :

- Checkmate Α
- В **Stalemate**
- С Mate in 1

Capture the black king without

taking any pieces or moving

where the bishop can be taken.



Kaptain's log. Stardate 2274. Our spaceship has just departed from Starbase 64 in the galaxy Orbitron. We are returning to planet Earth. Our mission, to compete in the *Galactic Chess Championship*, has been completed. The tournament was a huge success. There were players there from every part of the known universe. The high level of play, the friendly atmosphere, and the unbelievably delicious vitamin pills can only be described with one word: "doubleplusgood"!



Our team of pawns performed very well. They didn't win the gold. But we are happy to report that they are bringing home the plutonium medal. The entire rank of pawns will be radiating with pride at the welcome home parade.

Kiril was our brightest star. His excellent score earned him eighth place in the individual pawn competition. Once he got on top of his game, he shot through the field like a meteor. It was only in the first round that he had some trouble. That was when Kiril faced one of his strangest opponents ever.

It was no ordinary pawn he had to play. This guy was made of metal, not wood or plastic like a normal pawn. We found out later that he was really half pawn, half machine. One rumour claimed that he was a recycled space probe, but we can't confirm that. The only thing we know for sure is that his name was ...ROBO-PAWN!



Scholar's Mate 121

It was Kiril's first trek to the "tournament of stars". He knew he would have to play his best to do well here.

As he sat at the board waiting for his opponent to arrive, Kiril wondered if it was true. "Did Robo really have a computer for a brain?"

White KIRIL the PAWN Black ROBO PAWN

1. e4 e5

Kiril was glad to see this move. "At least he didn't play one of those weird outer space defences."

- 2. Nf3 Nc6
- 3. Bc4

Kiril plays his favourite Earth opening, the *Italian Game*.



3. ... Bc5 4. 0-0

The usual move is 4.c3, but there's nothing wrong with castling.





Nf6 **d6** 5 d3 Bg5 6. 8 7 6 **A** 5 宄 Ä 4 宄 E 3 童童童 介介介 2 ۲ M ' 🗘 Es 1 d e f b С g h

When Kiril slid his bishop out, he thought to himself, "Okay, Robo, let's see how you like it when I pin your knight against the queen."

what will it be? Capture or retreat?"

6.

7. Bh4?

. . .

Kiril retreats. He knows that taking the knight by 7.Bxf6 would help Black to develop with 7...Qxf6.

h6

Robo didn't like the pin at

all. So he asks the bishop

a question. "Well, Mr. B,

Moving the bishop back to h4 keeps the knight on f6 pinned. That's usually a good idea. But Robo-Pawn is programmed to look for exceptions to the rules!

After the game, Rocky Rook told Kiril that the best move was 7.Be3. If Black trades by 7...Bxe3 8.fxe3, then White gets an extra pawn in the centre and an open f-file for his rooks.

7. . . . g5!

Robo's eyes lit up when he clanked out this move.



Kiril couldn't believe it. "What's this metal head doing? Now his kingside is completely ruined. He must have a screw loose!"



What Kiril didn't realize is that Robo was planning to castle on the queenside.

8. Bg3 h5!

"Uh-oh, he's trying to trap my bishop with his h-pawn. But wait a second. Can't I just take the pawn on g5 with my knight? Then I'm threatening Nxf7, forking his queen and rook. That sure looks doubleplusgood to me."

9. Nxg5



If 9.h3, Black can open lines against the white king with 9...g4, followed by the exchange of pawns.

In a game from 1862, White defended with 9.h4. The future world champion Wilhelm Steinitz replied 9...Bg4!? Later he castled queenside and won with an attack on the white king. (10.hxg5 h4! is very good for Black after 11.Bh2 Nh7 or 11.gxf6 hxg3.)

9. . . . h4!

Robo-Pawn ignores the the threat to f7 and charges forward towards the black king. His turbo-processors were working doubleplus speed. He was blinking and flashing all over.

10. Nxf7

"Thanks for the fork, Robo!" for Black after 11.Nxd8.





10. . . . hxg3!

Kiril almost fell off his chair. "What's this? A free queen! Now I know this guy needs a tune up."

But Kiril didn't capture the queen right away. First he made sure that he wasn't falling into a trap.

He looked at three moves for Black after 11.Nxd8.

11...gxh2+ 12.Kh1 11...Bxf2+ 12.Rxf2! 11...Rxh2 12.Ne6!

"No checkmate there. And if Black takes my knight by 11...Kxd8, then I can play 12.hxg3. Thanks for the queen, Mr. Machine."

Robo had also calculated this variation: 11.Nxh8 Bg4 12.Qd2 Nd4 13.hxg3 Kd7 14.Ng6 Qe8 15.Qg5 Ne2+ 16.Kh1 Qxg6! 17.Qh4 Rh8! 18.Qxh8 Nh7 and mate by the black queen cannot be stopped. This machine is no vacuum cleaner!

11.hxg3 Bg4! 12.Qd2 Nd4 13.Nxh8 Kd7 would lead to the same line.

11. Nxd8

"What a great way to start a tournament. I'm so lucky. This is doubleplusgood!" As Kiril daydreamed about his victory, his mind began to wander off into space. But not for long.

nder off into space. a b c d e f g h

Robo's beeper beeped a beep! And then he made a move, slow and mechanical like the smile on his face.

11. ... Bg4!

"Attacking my queen, eh? Well, that's easy to defend. But there sure are a lot of black pieces out there."



12. Qd2

Here Kiril expected Black to take on d8 or h2. In case you hadn't noticed, that is not the robot style!

12. ... Nd4!?

Robo-Pawn was blinking and beeping and buzzing like a pinball machine.



Kiril's heart was pounding fast against his chest. "This is getting tricky. I don't see how I'm going to get out of this mess."

But he did know that he had to stop 13...Ne2+.

13. Nc3

What else is there to do? After 13.h3 Ne2+, White is mated with 14.Kh1 Rxh3+! 15.gxh3 Bf3#. The best bet is to give back the queen by 14.Qxe2!? Bxe2.



When Robo said "check", sparks started shooting off his antenna.

Kiril was beside himself. It felt like gravity was going in the wrong direction.





"Holy cow, I thought I was winning. Now I am falling into a black hole. If my king goes in the corner, I get mated. I have to take."

14. gxf3

(14.Kh1 Rxh2#)



c d

g h

e f

2

1

а b

The threat is 15...gxh2#. Mate cannot be stopped. 15.hxg3 Rh1# or 15.Rfc1 gxh2+ 16.Kf1 h1=Q# are the main choices. So Kiril resigned.

0-1

After they shook hands, Robo-Pawn said to Kiril, "Doubleplusluck in the rest of the tournament."

And guess what? That's There's only one word to just what happened. Kiril describe the white position now: "doubleplus-ungood"! didn't lose another game.



THE END

2013 WYCC United Arab Emirates December 18 - 28 1795 players 11 rounds

0F 1 2 3	EN under 8 (173 pla Praggnanandhaa R. Can Isik Suleymanli Aydin E. A	ayers) India Turkey zerbaijan	11 9 9	OPEN under 18(123)1Idani PouyaIran 812Anton Guijarro DavidSpain 83Vaibhav SuriIndia 8	/2
9 28 46 91 115	Issani Nameer Noorali Aahil Low Kevin Wu Nicholas James Rowan	Canada Canada Canada Canada Canada	8 7 6½ 5½ 5	GIRLS under 8 (117) 1 Zhu Harmony Canada 9 2 Mungunzul Bat-Erdene Mongolia 9 3 Bhagyashree Patil India 82	6
0F 1 2 3	EN under 10 (199) Liang Awonder Peng David Teclaf Pawel	USA USA Poland	10 9 9	52 Gilani Mysha Canada 6 GIRLS under 10 (140) 1 Salonika Saina India 9	-
38 46	Talukdar Rohan Pulfer Luke	Canada Canada	7 6½	2 Asadi Motahare Iran 8½ 2 3 Lakshmi C India 8½	/2 /2
66 76 79 114 121	Guo Thomas Surya Benito Richardson Kai Gaisinsky Adam Low Ethan	Canada Canada Canada Canada Canada	6 6 5 ¹ ⁄ ₂ 5	31 Zhang JeannieCanada 6182 Tsypin AllisonCanada 5193 Tan KylieCanada 52 101 Qiao CindyCanada 41	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
126 145 148 OP	Makarczyk David Rodrigue-Lemieux Shaw Zhang Henry	Canada n Canada Canada	5 4½ 4½	GIRLS under 12 (141) 1 Shengxin Zhao China 9½ 2 Shuvalova Polina Russia 9 3 Antova Gabriela Bulgaria 8½	/2 /2
1 2 3	Hakobyan Aram Raghunandan Srihari Lobanov Sergei	Armenia India Russia	9½ 9 9	² 47 Ouellet Maili-Jade Canada 7 115 Tao Ellen Canada 4½	1/2
92 131	Zhu Jeffrey Zhang Zhehai	Canada Canada	6 5	GIRLS under 14 (126) 1 Tsolakidou Stavroula Greece 9 2 Abdusattorova B. Uzbekistan 9 3 Vasonina Anna Pussia 81	/_
1 2 3	Li Di Zajic Milan Atabayev S. Tur	China Serbia kmenistan	9½ 9 9	² 20 Zhou Qiyu Canada 7 50 Tapp Ashley Canada 6 72 Tao Rachel Canada 55	/2
56 79 102 135	Graif William Shi Diwen Yu Wenlu Lee Stefano	Canada Canada Canada Canada	6 6 5½ 4½	GIRLS under 16 (116) 1 Gu Tianlu China 9 2 Nicolas Zapata Irene Spain 8 ¹ 3 Khademalsharieh Sarasadat Iran 8 ¹	12
0P 1 2	Karthikeyan Murali Girish Koushik	India India	9 9	72 Giblon Rebecca Canada 5	
3 16 62 75	Alekseenko Kirill Wang Richard Kalra Agastya Hui Jeremy	Russia Canada Canada	8 7½ 6 5¼	1 Tomnikova Lidia Russia 81 2 Ziaziulkina Nastassia Bulgaria 81 3 Ibrahimova Sabina Azerbaijan 81	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
111 115 116	Plotkin Mark Dorrance Adam Lo Ryan	Canada Canada Canada	5 5 5 5	36 Botez AlexandraCanada 652 Xiao AliceCanada 5	1/2



TOURNAMENTS

TORONTO

Chess'n Math 416 488-5506

Marshall McLuhan Sec. School 1107 Avenue Rd.

May 4Grand PrixSundayregistration10:00 - 11:00 am

February 2	3 OCC qualifier	Sunday
March 23	OCC qualifier	Sunda
April 5	OCC qualifier	Saturda
April 6	OCC qualifier	Sunda
registration	10:15 - 11:4	45 am

THORNHILL

Yuri Lebedev 416 319-2844 Knights Of Chess 5635 Yonge St. Suite 201 registration 2:30 - 2:55 pm every Sunday

TORONTO

Nathalia Khoudgarian 416 879-7300 Swansea Town Hall 95 Lavinia Ave.

check-in 12:45 - 1:00 pm every Saturday

TORONTO

Corinna Wan oriolechess@rogers.com Oriole Community Centre 2975 Don Mills Rd. W. registration 12:45 - 1:00 pm every Sunday

ALL EVENTS ARE SCHOLASTIC RATED.

Brad Thomso	n 61:	3 565	5-3662
Walter Baker	Centre (food	court)

Walter Baker Centre (food court 100 Malvern Dr. Barrhaven

registration 12:00 - 12:45 pm

March 23OCC qualifierSundayApril 13Sunday

GUELPH

Hal Bondhalbond@sympatico.caGuelph University Centreregistration12:30 - 1:00 pmFebruary 22SaturdayApril 12Saturday

KITCHENER

Patrick McDonald 519 648-3253

CORNWALL

Raymond Lacroix 613 938-6364



Scholar's Mate 121

registration 11:15 - 11:45 am

Loisir St-Henri 530 du Couvent

MONTREAL

Chess'n Math

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May 11 Grand Prix Sunday

514 845-8352

Sunday

Pavillion de l`Education Comm. 1691 Boulevard Pie-IX

March 30

SCHOLASTIC TEAM CHAMPIONSHIP

Jean de Brebeuf College 3200 St.Catherine April 5 grades K-3, 7-11 April 6 grades K-6 4 Players From Same School information: Chess'n Math

CHESS CHALLENGE

QC Provincial	Qualifiers
Verdun	March 9
St. Henri	March 15
Outremont	March 22
La Ruelle	March 23
South West	March 30
Drummondville	April 5
The Priory	April 12
Rouyn-Noranda	April 13
Montreal	April 13

VICTORIA

Brian Raymer250595-0025Hotel Grand Pacific463 Belleville St.

April 18 Youth Champ. Friday

CALGARY

Simon Ong 403 274-2954

EDMONTON

Bruce Thomas 780 473-1557

WINNIPEG

Jeremie Piche 204 237-1497

University of Manitoba University College Building Saunderson Street

registration 12:15 - 12:45 pm

February 23 April 13 Sunday Sunday

SASKATOON

Don MacKinnon 306 445-8369

HALIFAX

Chris Felix902 489-5899Mount Saint Vincent University166 Bedford HwyEvaristus Hall room 358registration11:30 am - 12 noonApril 6NsyccSunday

CHARLOTTETOWN

Stacey Kerr902 628-7576Colonel Gray High School175 Spring Park Rd.registration12:00 - 12:50 pmMarch 30SundayApril 27School TeamSunday

<u>ST. JOHN'S</u>

Chris Dawson

NL School Team Championship Mary Queen of Peace School 137 Torbay Rd.

April 12

Saturday

709 747-5217



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RATINGS

Scholastic ratings for all players who have taken part in a CMA tournament during the last three years can be found on the Chess'n Math Association webpage:

www.chess-math.org

Click the "ratings" tab on the homepage, which will take you to the *ratings page*:

www.chesstalk.com/elo/pub

Once on the ratings page, with Kiril and the map of Canada, you can search ratings by name, province, age, or grade! You can also see a list of recently rated tournaments at the bottom of the page. Click on the tournament to see a crosstable of the event.

For information on how to rate your tournaments: www.chess-math.org/ratings/rate.htm

COAKLEYCHESS.COM homepage of JEFF COAKLEY Canadian Chess Master & Author Information on Winning Chess For Kids series: Book Descriptions, Reviews, Errata, Announcements.

www.coakleychess.com

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SOLUTIONS 🏶
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MATE IN 3

MATE IN 1

MATE IN 2		COMBO MOMBO
C. Ka8 (Qa6#)		1Kf8 2.Qf7#
3. Kh1=	4	1.Nh6+ Kh8 2.Qg8+ Rxg8 3.Nf7#
A. Kf3#		1Kd5 2.Rg5#
FRIPLE LOYD		1Kf5 2.Kxd4 Kf4 3.Rf6#
1.Qa4#	3	1.Rb6 Kf4 2.Rb5 Kf3 3.Rf5#
3 1.dxe8=N#		1Kh8 2.Qxh7#
2 1.Ne7#	2	1.Nf6+ gxf6 2.Rg1+ Kh8 3.Qxf6#
1.Rd5#	1	1.Re6+ Kd7 2.Qc6+ Kd8 3.Re8#

- 1 1.Bf5+ Kd6 2.Be7#
- 2 1.Rb7+ Kd6 2.Qb8#
- 3. 1.Rg8+ Bxg8 2.Qe7#
- 4 1.Qxd7+ Nxd7 2.Nd6#

TACTICS 101

- 1 1.Qd4 (2.Qd8+ & 2.Qxb2)
- 2 1.Nf5 (2.Nh6# & 2.Nxe7+)
- 3 1.Qe4 (2.Qxh7# & 2.Qxa8)
 - 1.Qh5 (2.Qxh7# & 2.Qxc5)
- 4 1.Qd4 (2.Qxg7# & 2.Qxd7) 1.Qg3 (2.Qxg7# & 2.Qxb8+) 1.Qq5 (2.Qxq7# & 2.Qxa5)

LILY'S PUZZLER

- A. 61 squares attacked Qb2 Qd5 Qd7 Qf2 (unguarded a6, g6, h6) Qb2 Qd5 Qe6 Qf2 (unguarded a4, c7, h7)
- B. 40 squares attacked Qa1 Qa8 Qh1 Qh8
- C. Qb6 Qc2 Qf7 Qg3 Qb5 Qd2 Qe7 Qg4

1 1.Rxc6 Qxc6 2.Qg3 (3.Qxg7# or 3.Qxb8+)

2 1...Rxb7 2.Rxb7 Qd5 (3.Qd1# or 3.Qxb7)

CHESSMAZE

Bh1-c6-e8-h5-d1-b3-e6 -h3-f1xa6





3423 St. Denis #400 Montreal, Quebec H2X 3L2 www.chess-math.org

SCHOLAR'S MATE



Hey, you guys look like chess players. How about a game?