ACADEMIA BRASILEIRA DE CIÊNCIAS

Reunião sobre Educação Científica

12 a 14 de Junho de 2010, RJ

Suely Druck
UFF

Olimpíada Brasileira de Matemática das Escolas Públicas

OBMEP

2005 – 2006 – 2007 – 2008 – 2009 - 2010

SOCIEDADE BRASILEIRA DE MATEMÁTICA

impa

Ministério da Ciência e Tecnologia

Ministério da Educação

BRASIL UM PAÍS DE TODOS GOVERNO FEDERAL

1ª OLIMPÍADA BRASILEIRA DE MATEMÁTICA DAS ESCOLAS PÚBLICAS OBMEP 2005

2ª OLIMPÍADA BRASILEIRA DE MATEMÁTICA DAS ESCOLAS PÚBLICAS OBMEP 2006

3ª OLIMPÍADA BRASILEIRA DE MATEMÁTICA DAS ESCOLAS PÚBLICAS OBMEP 2007

4ª OLIMPÍADA BRASILEIRA DE MATEMÁTICA DAS ESCOLAS PÚBLICAS OBMEP 2008

5ª OLIMPÍADA BRASILEIRA DE MATEMÁTICA DAS ESCOLAS PÚBLICAS OBMEP 2009

6ª OLIMPÍADA BRASILEIRA DE MATEMÁTICA DAS ESCOLAS PÚBLICAS OBMEP 2010

Objectives

- Improve the quality of teaching of Maths
- Motivating, identifying and advising young talented in C&T
- Understanding the importance of Math for the development of the country
- Excellence as a target in public education
- Opening the doors of scientific and technological careers to public school students

Students

- Level I: 5th grade – 6th grade
- Level II: 7th grade – 8th grade
- Level III: high school

Participants

- Cities of all sizes from state capitals to very small villages in rural areas
- Native indiens Communities
- Quilombola Communities
- Disabled students
- Students attending social recovery programs
- Inmates in penitentiary system

Figures

	2005	2006	2007	2008	2009	2010
Students	10.520.830	14.182.568	17.341.732	18.317.779	19.207.761	19.665.581
Schools	31.030	32.655	38.450	40.377	43.851	44.717
Municipalities	5.199 93.4%	5.259 94.5%	5.461 98.1%	5496 98.72%	5510 99,1%	5518 99.16%

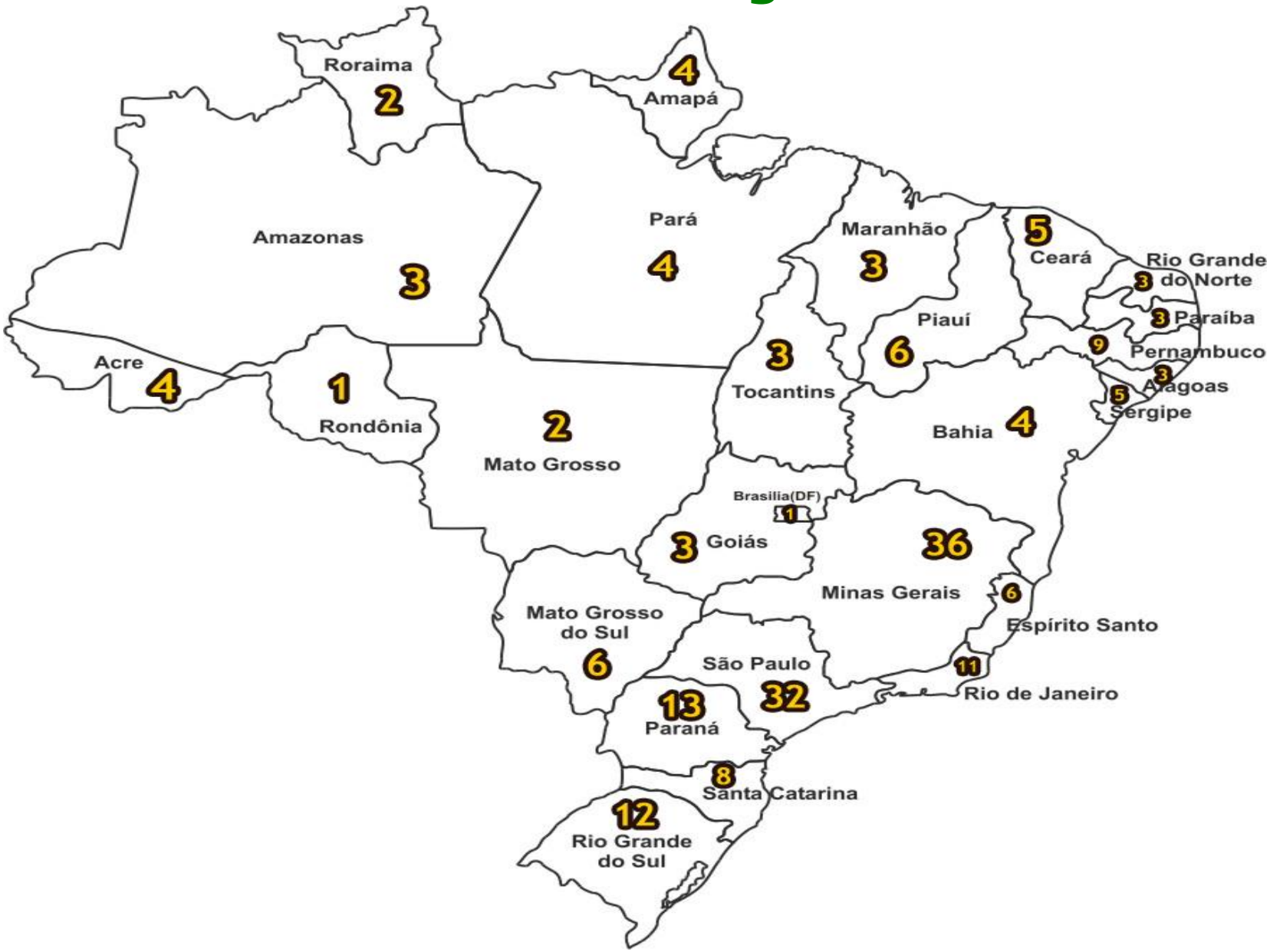
OBMEP

- Part I – Exams, awards, award ceremonies

- Part II – **PIC - Scientific Initiation Program**
  EPP - Teacher Training Program
  EMO - Meeting of the gold medalists
  PECI - International Olympiads
  PICME - Scholarship Universities

- Part III – Publications

Scientific Iniciation Program - Centers



1st stage: all the enrolled students
2nd stage: the best 5% from each school

2nd stage : the best 5% from each school									
	Enrolled	**L1**		**L2**		**L3**		**Total**	
		F	**M**	**F**	**M**	**F**	**M**	**F**	**M**
2005									
2006	630.864	**47%**	53%	**46%**	54%	**43%**	57%	45%	55%
2007	780.333	**45%**	55%	**46%**	54%	**48%**	52%	46%	54%
2008	789.998	**46%**	54%	**51%**	49%	**49%**	51%	48%	52%
2009	841.139	**49%**	51%	**49%**	51%	**49%**	51%	49%	51%

Awarded students

	Medals	L1		L2		L3		Total	
		F	M	F	M	F	M	F	M
2005	Gold = 300	30	70	19	81	12	88	20%	80%
	Silver = 405	**45**	90	**32**	103	**14**	121	23%	77%
	Bronze = 405	**33**	102	**32**	103	**16**	119	20%	80%
2006	Gold = 300	**34**	66	**15**	85	**9**	91	19%	81%
	Silver = 405	**35**	100	**28**	107	**16**	119	20%	80%
	Bronze = 405	**40**	95	**37**	98	**21**	114	24%	76%
2007	Gold = 301	**21**	79	**18**	82	**6**	95	15%	85%
	Silver = 600	**41**	159	**46**	154	**18**	182	18%	82%
	Bronze = 2.101	**224**	476	**194**	507	**108**	592	25%	75%
2008	Gold = 301	**22**	78	**17**	83	**9**	92	16%	84%
	Silver = 901	**103**	197	**74**	226	**26**	275	23%	77%
	Bronze = 1.803	**251**	349	**180**	423	**91**	509	29%	71%
2009	Gold = 300	**22**	78	**20**	80	**9**	91	17%	83%
	Silver = 900	**89**	211	**74**	226	**36**	264	22%	78%
	Bronze = 1.800	**211**	389	**157**	443	**89**	511	25%	75%

Awarded Female				
		L1	L2	L3
Gold medal	2005	30%	19%	12%
	2006	34%	15%	9%
	2007	21%	18%	6%
	2008	22%	17%	9%
	2009	22%	20%	9%
Silver medal	2005	33%	24%	10%
	2006	26%	20%	12%
	2007	20%	23%	9%
	2008	34%	24%	8%
	2009	30%	25%	12%
Bronze medal	2005	25%	24%	12%
	2006	30%	27%	15%
	2007	32%	28%	15%
	2008	41%	30%	15%
	2009	35%	26%	15%
Honor Certificate (30.000)	2005			
	2006	45%	37%	27%
	2007	37%	39%	30%
	2008	40%	40%	28%
	2009	45%	40%	30%

6ª OLIMPÍADA BRASILEIRA
DE MATEMÁTICA
DAS ESCOLAS PÚBLICAS

OBMEP 2010

Thank you!

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