


Form for NBO description and IBO team selection procedure

1. Country	Turkey
2. Name	National Science Olympiad
3. Established	1993
4. Logo	There is no a logo available
5. Posters	There is no poster available
6. Website URL	http://www.tubitak.gov.tr
7. Olympiad promotion (among schools, teachers, press, ...)	<p>A letter of appreciation, prize money and additional point to their university entrance examination score are given to the successful students.</p> <p>A letter of appreciation to their teachers.,</p> <p>Turkish Scientific and Research Council send an announcement to inform the date and rules of National Biology Olympiad exam to the secondary schools through National Education Directorates. An original announcement sample for the year of 2008 is given in the following:</p> <div style="text-align: center;">  <p>TÜBİTAK</p> <p>2202 – 16. ULUSAL BİLİM OLİMPİYATLARI (2008)</p> </div> <p>Ortaöğretim Kurumlarına (son sınıflar hariç) ve İlköğretim Kurumlarının 8. sınıfına devam etmekte olan öğrencileri Temel Bilimlerde çalışmalar yapmaya özendirmek, çalışmalarını yönlendirmek ve bu alanlarda gelişmelerini desteklemek ve katkı sağlamak için Ulusal Bilim Olimpiyatları düzenlenmektedir.</p>
8. Organization structure, categories and rounds	<p>Prof. Dr. Ertunç GÜNDÜZ (Head)</p> <p>Prof. Dr. Ismail TURKAN (Vice Head)</p> <p>Assoc. Prof. Dr.Mehmet Yılmaz (Vice Head)</p>
9. Tests	Theoretical, multiple choice test
10. Student training	Two times course; each of them are of one week.
11. Study materials	Campell and Reece Biology, Life, Taizz and Zeiger Plant Physiology, Raven et al, Biology of Plants
12. Awarding of students, prizes	Gold, Silver, Bronze and prize money
13. Media coverage	There is no media coverage.

14. Financial support / resources	Turkish Research and Technical Council	
15. Support of Min. of Education	There is no support from Ministry of Education	
16. National Competition Rules	Maximum 8 students who have been selected by school board from each secondary school can take National Biology Olympiade exam. Students need to have a Turkish citizenship. The students musn't be in their third grade of secondary school education. Each student can take exam maximum two times.	
17. Selection procedure for IBO competition	<ol style="list-style-type: none"> 1. Biology Olympiad Selection Exam; at the end of this exam first 50 student are selected (May). 25 of them are invited to preparation camp. 2. National Biology Olympiade Exam; This exam is given to determine first three among top 50 students (December) 3. Team construction exam; to determine final 4 students for international Biology Olympiad (April) 	
18. National committee (presidents by periods)	The tests are prepared by a members of a committee which is consist of academicians (Assistant Professors, Associate Professors and Full Professors) who are teaching in the preparation camps.	
19. Working groups	There is no working groups	
20. Participating in IBO, observer, participant, organizer	1992 observer 1993 member 2000 organizer	
21. IBO coordinator (name address, email)	Prof.Dr.Ertunç Gündüz Hacettepe University, Science Faculty, Department of Biology, Beytepe/Ankara/TURKEY ertuncg@hacettepe.edu.tr	
22. Statistics over the years	The figures of the numbers of the students who participates in the first round is given in the following: Year Number of students 1998 - 1421 1999 - 1711 2000 - 1708 2001 - 1672 2002 - 1764 2003 - 2057 2004 - 1704 2005 - 1770 2006 - 1625 2007 - 1738 2008 - 1802	
23. Standard school year	From (month):September	To (month):June

24. Biology hours/week at school	Minimum (common for students going for the NBO): 8	Maximum (common for students going for the NBO): 14
25. References	<ol style="list-style-type: none"> 1. Campbell & Reece, 2006: Biyoloji. Çeviri Editörleri : Prof. Dr. Ertunç Gündüz, Prof. Dr. Ali Demirsoy, Prof. Dr. İsmail Türkan, Palme Yayıncılık, Ankara, 2. Futuyama, D.J., 2008: Evrim. Çeviri Editörleri : Prof. Dr. Aykut Kence, Prof. Dr. A. Nihat Bozcuk, Palme Yayıncılık, Ankara. 3. Odum, E.P. & Barret, G.W., 2008: Ekoloji'nin Temel İlkeleri. Çeviri Editörü : Prof. Dr. Kani Işık, Palme Yayıncılık, Ankara. 4. Klug, W.S. & Cummings, M.R., 2002: Genetik. Çeviri Editörü : Prof. Dr. Cihan Öner, Palme Yayıncılık, Ankara. 5. Teiz, L. & Zeiger, E., 2007: Bitki Fizyolojisi. Çeviri Editörü : Prof. Dr. İsmail Türkan, Palme Yayıncılık, Ankara. 6. Keeton, W.T., Gould, J.L. & Gould, C.G., 2000: Genel Biyoloji I ve II. Çeviri Editörleri : Prof. Dr. Ali Demirsoy, Prof. Dr. İsmail Türkan, Prof. Dr. Ertunç Gündüz, Palme Yayıncılık, Ankara, 7. Nelson, D.L. & Cox, M.M., Biyokimya İlkeleri – Lehninger. Çeviri Editörü : Prof. Dr. Nedret Kılıç, Palme Yayıncılık, Ankara. 8. Graham, E.L., Graham, J.M. & Wilcox, L.W., 2004: Bitki Biyolojisi. Çeviri Editörü : Prof. Dr. Kani Işık, Palme Yayıncılık, Ankara. 9. Raven, P.H., Evert, R.F. & Eichorn, S.E. 2005. Biology of Plants. W.H. Freeman and Company. 10. Sadava, D.; Heller, C.; Orians, G.H.; Purves, W. K. & Hillis, D., 2008: Life: The Science of Biology. W.H. Freeman and Company. 11. Hickman, C.P., Roberts, L. S. , Keen, S. L. , Larson, A. , l'Anson, & Eisenhour, D.J., 2007: Integrated Principles of Zoology. McGraw-Hill Company. 12. Noyan, A., 1988: Fizyoloji, Meteksan Yayınları, Meteksan Basımevi- Ankara, 1157 s. 13. Şişli, M.N., 1996: Ekoloji, Çevre Bilim, Yeni Fersa Matbaacılık, Ankara, 492 s 14. Akay, M.T., 2007: Sitoloji, Palme Yayıncılık, Ankara. 	