BUSINESS PLAN



Typical Business Plan of science show organization for children aged 5 to 17 years



Business plan description

Project idea

Science show is a new interesting format of performances for children and adults: a symbiosis of learning and entertainment. During performances scientists show incredible experiments, while spectators become active participants of them. Scientific laboratory will develop two lines of business: science shows and regular classes.

Establishments market of extracurricular education for children

Russia has *** state extracurricular educational establishments, in *** of which pupils study. But during recent years the tendency for the formation of private establishments has been expressed ever more clearly – about **% of parents pay for additional education services of their children. As a result, about *** % of pupils among *** thsd. are involved into additional education.

Competitors

Concernent une	«Professor Nicola's Shaw»	<mark>УМНЫЙ</mark>	«Smart Holiday»
	(http://nik-show.ru/)	ПРАЗДНИК	(<u>http://umniiprazdnik.ru/)</u>
• Суцасшея	«Crazy Laboratory»	Sector of the se	Federal Center of Technical
леборатария	(<u>http://madlabshow.ru</u>)		Creativity of Pupils (FCTCP)
ЛАБОРАТОРИЯ. ЧУДЕС Обо научное шоу об С	«Laboratory of wonders» (<u>http://megashow.org</u>)	оринероссийский мими	All-Russian Public Organization «Small Academy of Sciences (SAS) «Intelligence of the Future»
THERE CULTURE	«Academic Steklyashkin's Incredible Science Show» (http://www.show-nauka.ru/)		

Competitive advantages of creating science show

- There are more than 100 spectacular physical and chemical experiments in the arsenal of the show.
- A new program consisting of more than ** experiments will be released every * months.
- Broadcasting of the show on TV.
- Active cooperation with research centers. The research staff of universities and experienced screenwriters will be involved in the process of new programs preparation.
- It is possible to begin the training between the ages of 5 to 17 years.
- The teachers have higher education in physics and chemistry.
- The club develops the training program itself taking into account the child's age.

An indicator	A city with a population of 300- 500 thsd. pers.	A city with a population of 500 ths 1 mln. pers.	A city with a population of over 1 mln. pers.
Necessary investments,	***	***	***
thsd. RUB.			
Revenue for 3 years,	***	***	***
thsd. RUB.			
Net profit for 3 years,	***	***	***
thsd. RUB.			
NPV, thsd. RUB.	***	***	***
IRR annual, %	***	***	***
Payback period, months	***	***	***

Finance

Excerpts from the research

According to the data of Federal Statistical Observation, greatest coverage of additional educational programs is typical for the age group of **_** years and **_** years and makes ** and **% accordingly.

A specific feature of children's additional educational establishments (CAEE) is their operating mode. The results of survey showed that the establishments, where classes take place in the afternoon (** %), predominate among CAEE, classes of the third of the establishments take place evenly throughout the day accordingly, a small number of establishments operates mainly in the first half of the day. CAEE implements the programs that last during different time. The programs designed for over 3 years lasting (** %) dominate. Exactly such programs are the most effective in the context of professional and leisure self-determination of pupils. Short term programs, during which the child can try his hand in any kind of activity, are implemented by **% of CAEE.

There is a certain imbalance of demand and supply of children's additional educational services. Competitive selection is used primarily for admission to the program of artistic direction. It is quite common to use selection instruments forming the cultural studies (** %) and sports (** %) groups of pupils. The acceptance of programs of scientific and technical (** %), ecological and biological (** %) and tourist and local historical (** %) directions is practically free.

The target audience for science shows and regular classes are Russian schoolchildren. The number of pupils of secondary schools in Russia is about *** thsd. The average number of pupils are *** schoolchildren per secondary school.

The last years it has been observed an increasing number of private structures in providing of relevant services. According to the research, only ** % of parents do not pay for additional education of their children.

The most appropriate marketing tools in promoting CAEE are creation and optimization of landing pages, contextual advertising, promotion in social networks and advertising with flyers. Monthly marketing budget in cities with a population over 1 mln. people is planned in the amount of ** thsd. RUB, in cities with a population of 500 -1000 thsd. people - ** thsd. RUB and in settlements with a population of 300 - 500 thsd. people - ** thsd. RUB. The initial capital investments for each type of settlement vary according to such principle too.

Table of Contents

List of tables, charts and figures	5
Tables	5
Charts	7
Figures	10
Executive summery	11
1. Description of Project	13
1.1. Socialization peculiarities of children, adolescents and youth in the field of leisure	13
1.2. General characteristics of the creating science show	14
1.3. Safety	17
2. Market analysis	18
2.1. Market analysis of establishments of extracurricular education in Russian Federation	n
- -	18
2.2. Market analysis of establishments of extracurricular education in Russian Federat	ion
for big cities	21
2.3. Market trends	23
3. Competitive environment	29
3.1. Major competitors	29
3.2. State establishments	35
4. Target audience	
5. Actuality	
6 Marketing strategy	44
6.1 Ways of promotion and market entrance	
6.2 Creating of landing pages	
6.3 Ontimization of landing pages	
6.4 Contextual advertising	1 0 /18
6.5 Promotion in social networks	1 0۔
6.6 Marketing hudget	
7 Financial plan Cities with a population over 1 mln people	50 51
7.1 Disp of color	
7.1. Fidil Of Sales	
7.2. Devenue	52 50
7.5. Kevenue	
7.4. Variable costs	
7.5. Fixed costs	
7.6. Capital expenditure	
7.9 D Ct 11 to the test	
7.8. Profit and loss statement	
7.9. Discount rate	61
7.10. Cash flow statement	71
7.11. Financial rates	
8. Financial plan. Cities with a population from 500 ths. to 1 mln. people	75
8.1. Plan of sales	75
8.2. Sales volume	75
8.3. Sales revenue	76
8.4. Variable costs	77
8.5. Fixed costs	78
8.6. Capital expenditure	80
8.7. Taxes	80
8.8. Profit and loss statement	81
8.9. Cash flow statement	84
8.10. Financial rates	87

9. Financial plan. Cities with a population from 300 to 500 ths. people	
9.1. Plan of sales	
9.2. Sales volume	
9.3. Sales revenue	
9.4. Variable costs	90
9.5. Fixed costs	92
9.6. Capital expenditure	93
9.7. Taxes	94
9.8. Profit and loss statement	94
9.9. Cash flow statement	97
9.10. Financial rates	100
10. Sensitivity analysis. Cities with a population over 1 mln. people	101
10.1. Changing of level of prices for services	101
10.2. Changing of variable costs	
10.3. Changing of fixed costs	
10.4. Changing of capital expenditure	109
10.5. Changing of discount rate	112
11. Sensitivity analysis. Cities with a population from 500 ths. to 1 mln. people	114
11.1. Changing of level of prices for services	114
11.2. Changing of variable costs	116
11.3. Changing of fixed costs	119
11.4. Changing of capital expenditure	
11.5. Changing of discount rate	
12. Sensitivity analysis. Cities with a population from 300 to 500 ths. people	126
12.1. Changing of level of prices for services	
12.2. Changing of variable costs	
12.3. Changing of fixed costs	131
12.4. Changing of capital expenditure	134
12.5. Changing of discount rate	137
INFORMATION ABOUT THE COMPANY «VTS Consulting»	
8	

List of tables, charts and figures

Table 1. Science show programs (01.06.2014)	14
Table 2. The largest city in terms of population, thsd. people	21
Table 3. Academic Steklyashkin's science show prices	33
Table 4. Prices for holding of children's parties of «Smart holiday» laboratory	34
Table 5. The main differences between the show formats of «Smart holiday» laboratory	34
Table 6. Statistics in terms of the Russian secondary schools and schoolchildren numbers in	39
2012.	
Table 7. Marketing budget, thsd. RUB	50
Table 8. Plan of sales	51
Table 9. Sales volume	52
Table 10. Sales revenue	53
Table 11. Variable costs	54
Table 12. Fixed costs	55
Table 13. Capital expenditure	57
Table 14. Taxes	57
Table 15. Profit and loss statement	58
Table 16. Calculation of long-term profits over CAPM for portfolios of decimal groups	66
NYSE/AMEX/NASDAO	
Table 17. Algorithm for determining the risk of the company	67
Table 18. Algorithm for calculating the specific risk premium	68
Table 19. Calculation of discount rate by WACC-method	69
Table 20. Cash flow statement	71
Table 21. Financial rates	74
Table 22. Plan of sales	75
Table 23. Sales volume	75
Table 24. Sales revenue	76
Table 25. Variable costs	70
Table 26 Fixed costs	78
Table 27. Capital expenditure	80
Table 28. Taxes	80
Table 29. Profit and loss statement	81
Table 30. Cash flow statement	84
Table 31. Financial rates	87
Table 32. Plan of sales	88
Table 33. Sales volume	88
Table 34. Sales revenue	89
Table 35. Variable costs	90
Table 36. Fixed costs	92
Table 37. Capital expenditure	93
Table 38 Taxes	94
Table 39 Profit and loss statement	94
Table 40 Cash flow statement	97
Table 41 Financial rates	100
Table 42. Sensitivity analysis of changes in level of prices for services	101
Table 43. Sensitivity analysis of changes in variable costs	104
Table 44. Sensitivity analysis of changes in fixed costs	106
ruore i il sensiti illi unur sito or enunges in rived costo	100

Table 45. Sensitivity analysis of changes in capital expenditure	109
Table 46. Sensitivity analysis of changes in discount rate	112
Table 47. Sensitivity analysis of changes in level of prices for services	114
Table 48. Sensitivity analysis of changes in variable costs	116
Table 49. Sensitivity analysis of changes in fixed costs	119
Table 50. Sensitivity analysis of changes in capital expenditure	122
Table 51. Sensitivity analysis of changes in discount rate	125
Table 52. Sensitivity analysis of changes in level of prices for services	126
Table 53. Sensitivity analysis of changes in variable costs	128
Table 54. Sensitivity analysis of changes in variable costs Sensitivity analysis to changing of	131
fixed costs	
Table 55. Sensitivity analysis of changes in capital expenditure	134
Table 56. Sensitivity analysis of changes in discount rate	137

Charts

Chart 1. Dynamics of the number of extracurricular educational establishments, units.	19
Chart 2. Dynamics of children participation in extracurricular education, thsd. people	19
Chart 3. Coverage of children with extracurricular educational programs, %	24
Chart 4. Share of children's additional educational establishments, implementing programs for	25
work with children of certain categories, %	
Chart 5. Share of schoolchildren and preschoolers which take part in studying in additional	26
educational establishments free of charge, for expanse of budget funds, %.	
Chart 6. Mode of classes in children's additional educational establishments	26
Chart 7. Share of children's additional educational establishments, implementing programs of	27
different duration, %	
Chart 8. Existence of difficulties of pupils contingent selection in terms of various directions	28
programs, according to CAEE management estimates, %	
Chart 9. Existence of children competitive selection in additional educational establishments in	28
terms of various directions programs, %	
Chart 10. Revenue, gross profit and EBITDA for 36 months statement	60
Chart 11. Net profit for the 36 months statement	60
Chart 12. Revenue, gross profit and EBITDA for 36 months statement	83
Chart 13. Net profit for the 36 months statement	83
Chart 14. Revenue, gross profit and EBITDA for 36 months statement	96
Chart 15. Net profit for the 36 months statement	96
Chart 16. Net income dynamics due to the changes in prices for services, thsd. RUB	101
Chart 17. NPV dynamics due to changes in prices for services, thsd. RUB	102
Chart 18. IRR dynamics due to changes in prices for services, %	102
Chart 19. Payback period (PP) dynamics due to changes in prices for services, months	103
Chart 20. Discounted payback period (DPP) dynamics due to changes in prices for services,	103
months	
Chart 21. Net profit dynamics due to changes in variable costs, thsd. RUB	104
Chart 22. NPV dynamics due to changes in variable costs, thsd. RUB	104
Chart 23. IRR dynamics due to changes in variable costs, %	105
Chart 24. Payback period (PP) dynamics due to changes in variable costs, months.	105
Chart 25. Discounted payback period (DPP) dynamics due to changes in variable costs, months.	106
Chart 26. Net profit dynamics due to changes in fixed costs, thsd. RUB	107
Chart 27. NPV dynamics due to changes in fixed costs, thsd. RUB	107
Chart 28. IRR dynamics due to changes in fixed costs, %	108

Chart 29. Payback period (PP) dynamics due to changes in fixed costs, months	108
Chart 30. Discounted payback period (DPP) dynamics due to changes in fixed costs, months.	109
Chart 31. NPV dynamics due to changes in capital expenditure, thsd. RUB	110
Chart 32. IRR dynamics due to changes in capital expenditure, %	110
Chart 33. Payback period (PP) dynamics due to changes in capital expenditure, months	111
Chart 34. Discounted payback period (DPP) dynamics due to changes in capital expenditure,	111
months	
Chart 35. NPV dynamics due to changes in discounted rate, thsd. RUB	112
Chart 36. Discounted payback period (DPP) dynamics due to changes in discounted rate,	112
months.	
Chart 37. Net income dynamics due to changes in prices for services, thsd. RUB	114
Chart 38. NPV dynamics due to changes in prices for services, thsd. RUB	115
Chart 39. IRR dynamics due to changes in prices for services, %	115
Chart 40. Payback period (PP) dynamics due to changes in prices for services, months	116
Chart 41. Discounted payback period (DPP) dynamics due to changes in prices for services,	116
months	
Chart 42. Net profit dynamics due to changes in variable costs, thsd. RUB	117
Chart 43. NPV dynamics due to changes in variable costs, thsd. RUB	117
Chart 44. IRR dynamics due to changes in variable costs, %	118
Chart 45. Payback period (PP) dynamics due to changes in variable costs, months.	118
Chart 46. Discounted payback period (DPP) dynamics due to changes in variable costs, months.	119
Chart 47. Net profit dynamics due to changes in fixed costs, thsd. RUB	120
Chart 48. NPV dynamics due to changes in fixed costs, thsd. RUB	120
Chart 49. IRR dynamics due to changes in fixed costs, %	121
Chart 50. Payback period (PP) dynamics due to changes in fixed costs, months	121
Chart 51. Discounted payback period (DPP) dynamics due to changes in fixed costs, months.	122
Chart 52. NPV dynamics due to changes in capital expenditure. thsd. RUB	123
Chart 53. IRR dynamics due to changes in capital expenditure. %	123
Chart 54. Payback period (PP) dynamics due to changes in capital expenditure, months	124
Chart 55 Discounted payback period (DPP) dynamics due to changes in capital expenditure	124
months	
Chart 56, NPV dynamics due to changes in discounted rate, thsd, RUB	125
Chart 57. Discounted payback period (DPP) dynamics due to changes in discounted rate.	125
months.	
Chart 58. Net income dynamics due to changes in prices for services, thsd. RUB	126
Chart 59. NPV dynamics due to changes in prices for services, thsd. RUB	127
Chart 60. IRR dynamics due to changes in prices for services, %	127
Chart 61. Payback period (PP) dynamics due to changes in prices for services, months	128
Chart 62 Discounted payback period (DPP) dynamics due to changes in prices for services	128
months	120
Chart 63. Net profit dynamics due to changes in variable costs, thsd, RUB	129
Chart 64. NPV dynamics due to changes in variable costs, thsd. RUB	129
Chart 65 IRR dynamics due to changes in variable costs, which it of 2	130
Chart 66. Payback period (PP) dynamics due to changes in variable costs, months	130
Chart 67 Discounted payback period (DPP) dynamics due to changes in variable costs, months	131
Chart 68 Net profit dynamics due to changes in fixed costs, the RUB	132
Chart 69 NPV dynamics due to changes in fixed costs, thsd RUR	132
Chart 70 IRR dynamics due to changes in fixed costs, usu. ROD	132
Chart 71 Payback period (PP) dynamics due to changes in fixed costs months	133
Chart 72 Discounted payback period (DPP) dynamics due to changes in fixed costs, months	134
chart / 2. Discounce pujouex period (D11) aynamics due to changes in fixed costs, months	тЭт

Chart 73. NPV dynamics due to changes in capital expenditure, thsd. RUB	135
Chart 74. IRR dynamics due to changes in capital expenditure, %	135
Chart 75. Payback period (PP) dynamics due to changes in capital expenditure, months	136
Chart 76. Discounted payback period (DPP) dynamics due to changes in capital expenditure,	136
months	
Chart 77. NPV dynamics due to changes in discounted rate, thsd. RUB	137
Chart 78. Discounted payback period (DPP) dynamics due to changes in discounted rate,	137
months.	

Figures

Figure 1. The structure of creative associations by directions of activity	20
Figure 2. Distribution of children by directions of activity	20

We thank you for your confidence and would like to remind you that: ✓ with the purchase of the business plan of the «VTSConsulting» company you'll have a guarantee of getting a consultation from specialists who have worked on a specific business plan

 ✓ during one to two hours our team will be ready to answer all questions related to the structure and content of the business plan

> Respectfully, «VTSConsulting» team

INFORMATION ABOUT THE «VTSConsulting» COMPANY

«VTSConsulting» company was founded in May 2010 by a team of professionals led by Vladyslav Tsygoda.

Vladyslav Tsygoda is a business consultant, a recognized leader in the field of business planning in the CIS countries (according to the portal free-lance.ru), today he is the head of the rating of the consulting company.

Development of business plans, feasibility studies, investment memorandums, financial models and business presentations are the main directions of the team, which includes highly skilled analysts.

Experience of the team in the development of investment documents is more than 6 years, and today «VTSConsulting» is the only company in Ukraine, which is a partner of the project «RBC. Market research».

«VTSConsulting» team and principles of work

- \checkmark a unique approach to solving problems;
- \checkmark an impeccable reputation and a high degree of customer confidence;
- ✓ high professionalism regardless of field of study;
- ✓ practical experience, including the implementation of complex highly specialized projects.

We appreciate greatly the cooperation with each customer. And we are proud of our customers!

LLC «Zemleugodie-Invest», OJSC	«Petrovizard» company, Port Temryuk,	LLC «Portal Logistics», SPK
«Votkinsky plant», SPE «Stealth»,	LLC «Spetsbudproekt», group of	«Nauka», I.N. Frantsevich Institute of
State Enterprise UkrSRIPRI	companies «SEMPROGROUP», LLC	Materials of NAS of Ukraine, NTUU
«Masma», «Reproto Technologies»,	«Maximus Construction»,	«KPI», Science Park «Kyiv
«VOK Montage Service» company,	«Rosmolodezh», LLC «Sisif Service»,	Polytechnic», The Russian
LLC «PRIIMAS»	LLC «Plant TITAN», LLC «Project K»,	Government, Verkhovna Rada of
	· · · ·	Ukraine

This is not a complete list of those who was pleased with the cooperation with «VTSConsulting».

«VTSConsulting» company is a team of professionals, whose knowledge and experience will allow you to save money, nerves and time: preparation of investment documents will take from 4 to 10 days.

Our customers recommend us to their friends and partners, because we work for the results and complete satisfaction of a Client. Thus, ordering business plan, information or investment memorandum from us, you do not just spend money.

You invest.

Respectfully, Vladyslav Tsygoda, the head of «VTSConsulting»