

lhykgbl_evgyZy aZibkdZ

ljh]jZffZN@abdZ b l_o^gh_eh]by_lgdZhicZ\ e_ggz^kl_bkh\ZgZ
mqZsbfky+ e_lhjb_glbjh\ZgZ gZ j_ZebaZpbx bgl_j_k
bg`_g_jgh]h dhgkljmbjh\Zgby jZa\blb_ bo l_ogheh]bq
:dlmZg hklv ijh]jZffu

GZm-q_lg_lgbq_kdh_ l\hj_q_kl\h gZ k_]h^gyrgbc ^_gv
hkh[h]h \gbfZgby b h^gbf ba Zki_dlh\ jZa\blby bgl_ee
^_l_cL_ogbq_kdb_ ^hklb`_gby \kz [uklj_ ijhgbdZx
q_eh_q_kdhc `bag_ ^by_luevgZklbbgl_j_k ^_l_c b ih^
kh\j_f_gghc l_ogbd_ L_ogbq_kdb_ h[t_dlu hdjm`Zxl
[ulh\uo ijb[hjh\ b ZiiZjZih\ b]jmr_d ljZgkihjlguo klj
fZrbg >_lb ihagZxl b ijbgbfZxl fbj lZdbf dZdby_]
hkfukeblv hkhagZlv Z ihlf h[tykgblv Ba_klgh
jZa\blby l_ogbq_kdh]h fure_gby b l\hj_q_kl\Z agZgbc
k\yaZg k g_ihkj_^klj_Zgufb ^_ckl\byfb Z\l
dhgkljmbjh\Zgb_f

L_ogheh]by hkgh\ZggZyZgZ wew_lh ijh_dlbjh\Zgl
dhgkljmbjh\Zgb_ b ijh]jZffbjh\Zgb_ jZaebqguo f_oZgb
ihkljh_gbb fh^_eb aZljZ]b\Z_lky fgh`_kl\h ijh[e_f b
agZgbc H[jZah\ZI_evgy\kkkl]fZgZ \l_o h[eZklyo a
dhlhju \Z`gu bgnhjfZlbdZ Z[kljZdpby eh]bdZ
dhgkljmbjh\Zgb_ fZI_fZlbdZ fh^_ebjh\Zgb_ nbabd
JZ[hIZ k h[jZah\ZI_evgufb LFGdmdm]Zifba\hey_l
rdhevgbdZf \nhjf_ ihagZ\ZI_evghc b]ju bagZlb fZa]bl
g_h[oh^bfu_ \ ^Zevg_cr_c `bagb gZ\udb

- kikhkh[kl\h\ZhmfbjhgZxagZgbc mf_gbc b gZ\udh\l_ogbq_kdh]h dhgkljmbjh\Zgby b fh^_ebjh\Zgby
- ihagZdhfbhvqZsboky k dhfie_dkhf [Zah\uoijbf_gy_fuo ijb khja^Zgh\ ijhkl_crboZgbafu ig_\fZlb bklhqgdbb wg_j]bb mijZ\e_gb_ we_dljhfhlhjZfb bg`_g_jgu_]jZnbq_kdb_ kj_^u ijh_dlbjh\Zgby b ^j
- kikhkh[kl\h\Zhmfbjh\ZgbgZ\udZ ijh_^_gby bkke_y\e_gbc b ijhkl_crbo aZdhghf_jghkl_c
- kikhkh[kl\h\Zhmfbjh\ZgbgZ\udZ ijh_^_gby bkke_y\e_gbc b ijhkl_crbo aZdhghf_jghkl_c
- kikhkh[kl\h\Zhmfbjh\ZgbgZ\udZ ijh_^_gby bkke_y\e_gbc b ijhkl_crbo aZdhghf_jghkl_c

- k i h k h [k l \ h \ Z m h j f b j h \ Z g b b j Z a \ b i h a g Z \ Z I _ e v g h i h l j _ [g h k l b \ h k \ h _ g b b n b a b q _ k d b o a g Z g b c
- j Z a \ b \ Z I v _ e r d x f h l h j b n d \ g b f Z I _ e v g h Z d d m j Z I g h b a h [j _ I Z I _ e v g h k l
- j Z a \ Z I v j h k l j Z g k l \ _ g h g h [j Z ` _ g r b q Z s b o k y
- k h a ^ Z I v m k e h \ b y j Z a \ e y l b i h b k d h \ h c Z d l b \ g h b k k e h \ Z I _ e v k d h] h f u r e _ g b y m q Z s b o k y

- k i h k h [k l \ h] Z a \ b \ b h f f m g b d Z l b \ g h c d m e v l m j u
- n h j f b j h \ Z m m q Z s b o k y e k j d i h e m q _ g b x d Z q _ k l \ a Z d h g q _ g g h] h j _ a m e v i Z i Z
- n h j f b j h \ Z g Z \ u d j Z [h l u \] j m i i _
- k i h k h [k l \ h \ Z h v a ^ Z g b \ h j q _ k d h c Z l f h k n _ j u k h l j m ^ g h [_ k i _ q b \ Z x s _ c j Z a \ b l b _ e b q g h k l b k h p b Z e b a Z p b [e Z] h i h e m q b _ d Z ` ^ h] h j _ [_ g d Z

Kjhd j_ZebaiZpjhZffu_]h08 qZkZhajZkl ^_+11-13 e_l
Nhjfbjh\Zgb_ dhglbg]_glZ mq_[guo]jmii ijhbkoh^bl [_

Nhjfu b j_`bfu aZgA Zgylby ijh\h^ylky jZa \ g_^_ex
o0 fbg k i_j_ju\hf fbg LZd dZd ijZdlbq_kdb_ jZ[h
bg^b\b^mZevghc ^_yl_evghklvx ih ijh_dlbjh\Zgbx
bkiulZgb_f b aZimkdhf fh^_eb hilbfZevgZy gZihegy_f
10- q_eh_d

Hkgh\gZy nhjfZ aZgmyiljbZc`g_gby b \uiheg_gb_]jm
 bg^b\b^mZevguo ijZdlbq_kdbobajZqhhgbblijbggh\h]h fZl
 bkihevamxiky keh_kgu_ nhjfu e_dpby w\jbklbq_kdZ
 j_ZebabZplebqguo ijh_dih\ bkihevamxiky nhjfu
 kZfhklhyl_evghc jZ[hlu AgZqbl_evgh_ f_klh \ hj]Zgb
 ijhp_kkZ hl\h^bldklyqijkZdhfm mqZklbx ^_l_c \ kh
 jZaghh[jZaguo f_jhijbylbyo ih l_ogbq_kdhfm_e_]hdhgk

leZgbjm_fu_ j_amevlZlu

H[jZah\Zl_evgufb j_amevlZlZfb hk\h_gby ijh]
 nhjfbjh\Zgb_ ke_^mxsbo agZgbc b mf_gbc

Знания:

- ijZ\beZ l_o[gladhbZkghklb ijb jZ[hl_ k dhgkljmdlhjh f
- hkgh\gu_ kh_^bg_dlgO^dhZkljmdlhjZ
- ihgylb_ hkgh\gu_ \b^u ihkljh_gb_ dhgkljmdpbc
- hkgh\gu_ k\hckl\Z jZaebqguo \b^h\ dhgkljmdpbc
mklhcqb\hklv
- ihgylb_ \b^u f_oZgbafZq\ bdi_gZagZq_gb_ b ijbfg_
- ihgylb_ b \b^u wg_j]bb
- jZagh\b^ghklb i_j_^Zq b kihkh[u bo ijbfg_g_gby

Умения:

- kha^Z\Zlv ijhkl_crb_ d hlg'kljmdpbc hhlh\uf ko_fZf k
b wkdbaZf
- oZjZdl_jbah\Zlv dhgkljmdpbx fh^_ev
- kha^Z\Zlv dhgkljmdpbxibjbfhg_gbb_f f_oZgbafh\ b i_j_
- gZoh^blv hilbfZevguc kihkh[ihkljh_gby dhgklj
ijbf_g_gb_f gZb[he__ ih^oh^ys_]h f_oZgbafZ bebb
- hibku\Zlv \b^u wg_j]bb
- kljhbiv ij_^iheh`\_gby h \hafh`ghklb bkihevah\Zg
f_oZgbafvZdkl_jbf_glZevgh ijh_jylv_]h
- kha^Z\Zlv bg^b\b^mZevgu_ b]jmiih\u_ ijh_dlu ijb
- mf_lv kZfhklhyl_evgh j_rZlv l_ogbq_kdb_ aZ^Z
fZrbgu b f_oZgbafu ijhoh^y ijb wlhf imlv hl ihk
jZ[hIZxs_c fh^_eb

F_lZijf^lgufb j_amevlZlZfb bamq_gby y\éjh]lkZyf
 nhjfbjh\Zgb_ ke_^mxsbo mgb_jkZevguo mq_[guo ^_ck

lhagZ\ZI_evgu_ MM>

- mfgb_hij_^_eylv jZaebqZlv b gZau\Zlv ij_^
dhgkljmdlhjZ
- mfgb_\ukljZb\Zlv k\hx ^_yl_evghklv k\heZk
dhgkljmbjh\Zlv ih mkeh\byf ih h[jZapm ih qb_jl_
kZfhklhyl_evgh kljhbiv ko_fm
- mfgb_hjb_glbjh\Zlvky \ k\h_c kbke_bfqZlvagZgbk_ h
ba_klghjh
- mfgb_bkiheva^Zy ihbkdZ [he__ jZpbhgZevguo j_
nbabq_kdbo aZdhghf_jgh_klh[tybgymf_ ijbgbpi ^_ck
f_oZgbafh\ k bKZhgova nbabq_kdhc l_jfbgheh]bb

J_]meylb\gu_ MM>

- mfgb_jZ[hZlv ih ij_^eh`_gguf bgkljmdpbyf
- mfgb_hij_^_eylv b nhjfmebjh\Zlv p_ev ^_yl_evghk
- mfgb_nhjfmjh\Zlv]bihl_am ijh\h^blv __ ijh_jdm
gZ hkgh_ gZ[ex^_gby

DhffmgbdZlb\gu_ MM>

- mfgb_bgl_]jbjh\Zlvky \]jmiim k_jklgbdh\ b kljhb
\aZbfh^_ckl\b_ b khlm^gbq_kl\h kh k_jklgbdZfb b
- mfgb_mqblu\Zlv ihabkx^kdhZ iZ;jlgzjZ
- mfgb_Z^_d\Zlgh \hkijbgbfZlv b i_j_^Z;\Zlv bgnhjfZ
- mfgb_kemrZlv b \klmiZlv \ ^bZeh]

Ebqghklgu_ MM>

- iheh`bl_evgh_ hlghr_gb_ d mq_gbx d ihagZ\ZI_e
- `_eZgb_ ijbh[j_lZlv gh\u_ agZgby mf_gby
bf_xsb_ky
- mf_gb_ hkhagZ\Zlv k\hb ljm^ghklb b klj_fblvky d
- mqZk\bl_hjq_kdhf khab^ZI_evghf ijhp_kk_
Nhjfu ih^_^_gby blh]h\ j_ZebaZpbb ijh]jZffu
- l_jbh^bq_kdZy ijh_jdZ mk\h_gby l_jfbgheh]bb
aZq_lh\ b djhkk\hj^h\
- lhhdhgqZgbb dmjkZ mqZsb_ky aZsbsZxl l\hjq_kdb
ijhy\blv agZgby b gZ\udb ih dexq_uf l_fZf
- Djhf_ lh]h ihemq_ggu_ agZgby b gZ\udb ijh_j
dhgn_j_gpbyo b f_`^mgZjh^guo khklyaZgbyo
gZb[he__ mki_rgb_ mq_gbd

lZjZf_lju b djbl_jbb hp_gdb jZ[hI

- dZq_kl\h \uiheg_gby bamqZ_fuo ijb_fh\ b hi_jZpb
p_ehf
- kl_i_gv kZfhklhyl_evghklb ijb \uiheg_gbb jZ[hlu
- mjh_gv l\hj_q_kdhc ^_yl_evghklb j_ijh^mdlb
ijh^mdlb\guc ijh^mdlb\guc ijh^mdlb\gu_ l_ogbq
l_ogheh]bq_kdb_ j_r_gby
- j_amevlZlu mqZklby \ khj_gh\Zgbyo b dhgdmjkZo

Mq_-ghfZlbq_kdbc ieZg

<	L_fZ	Dhebg_kl\h qZ		
		<k_]	L_hjb	IjZdlbd
1	Раздел 1 «<_^_gb_ ^a	2	1	1
2	Раздел 2 «Простые механизмы. Теоретическая механика»	8	2	6
2.1	Ijhkl_u_ f_oZgbafu b bo ijb_f_	4	1	3
2.2	F_oZgbq_kdb_ i_j_^Zqb	4	1	3
3	Раздел 3 «Силы и движение. Прикладная механика»	8	-	8
3.1	Dhgkljmbjh\Zgb_ fh^_eb ©M fZrbgZ ^a	2	-	2
3.2	B]jZ ©;hevrZy ju[ZedZ ^a	2	-	2
3.3	K\h[h^ghZq_gb_	2	-	2
3.4	Dhgkljmbjh\Zgb_ fh^_eb ©F_ fhehlhd ^a	2	-	2
4	Раздел 4 «Средства измерения. Прикладная математика»	6	1	5
4.1	Dhgkljmbjh\Zgb_ fh^_eb ©B_ l_e_`dZ ^a	2	1	1
4.2	Dhgkljmbjh\Zgb_ fh^_eb ©Ih	2		2
4.3	Dhgkljmbjh\Zgb_ fh^_eb ©LZcf_	2		2
	Раздел 5 «Энергия. Использование сил природы»	14	2	12
5.1	Wg_j]by ijbjh^ljZ \h^u kheg	8	1	7
5.2	Bg_jpby lj_h[jZah\Zgb_ ihl_ wg_j]bb \ dbg_lbq_kdmx	6	1	5
	Раздел 6 «Машины с электроприводом»	8	-	8

Раздел 3 «Силы и движение. Прикладная механика»

L_fZ Dhgkljmbjh\Zgb_@MfhjhqgZy fZrbgZ^a
 MklZgh\e_gb_ \aZbfhk\ya_c Baf_j_gb_ jZkkIhygby Kl
 f_oZgbafh\hgbbq_kdbb am[qZluo i_j_ ^Zq ih\urZxsbo
 KZfhklhyl_ev gZy I\hj q_kdZy jZ[hIZ ih I_f_ ©Bkihev
 i_j_ ^Zqb \ m[chjZqbg_^a
 L_fZ B]jZ ©;hevrZy ju[ZedZ^a
 Bkihevah\Zgb_ f_oZgbafh\ h[e_]qZxsbo jZq mImbeKshj
 Bkihevah\Zgb_ f_oZgbafh\ b juqZ]b KZfhklhyl_ev gZy
 jZ[hIZ ih I_f_ ©Bkihevah\Zgb_ [ehdh\^a

L_fZ K\h[h^gh_ dZq_gb_
 Baf_j_gb_ jZkkIhygby DZeb[jh\dZ rdZeihdZkaZgWgZgby
 ^\b`_gby dbg_lbg_kdZy Wg_] kYhklhgYgibb\pibbZev gZy
 Lj_gb_ b khijhIb\e_gb_ \ha^moZbak[hjpdZebh\Zgb
 f_oZgbafh\he_kZ b hkb KZfhklhyl_ev gZy jZ ih I_f_
 ©Kha^Zgb_ l_e_`db k baf_jbl_evghc rdZehc^a

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©F_oZgbq_kdbb fhehlh
 Lj_gb_ b kbeZ Bfimevk Dhebq_kl\h ^\b`_gby - bg_
 f_oZgbq_kdbb fhehlh Bkihevah\Zgb_ juqZ]boZgdraéZq
 wkp_gljbb Bbm q_gb_ k\hckl\ fZl_jbZeh\
 KZfhklhyl_ev gZy I\hj q_kdZy©jZjhdZpibb juqZ]h\ \ f_oZg
 fhehlh^a

Раздел 4 «Средства измерения. Прикладная математика»

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©Baf_jbl_ev gZy l_e_`d
 Baf_j_gb_ jZkkIhygby DZeb[jh\dZ b kqblu\Zgb_ I\hZkk\uk[h
 ©Baf_jbl_ev gZy l_e_`dZ^a Bkihevah\Zgb_ j_ ^ZqZ KZfhklhyl_ev gZy
 hlghr_gb_ ihgb`ZxsZy i_j_ ^ZqZ KZfhklhyl_ev gZy I\hZq_kdZy
 ©Baf_jbl_ev gZy l_e_`dZ k jZaebqgufb rdZeZfb^a

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©Ihqih\uo_ _ku^a
 Baf_j_gb_ fZkku dZeb[jh\dZ b kqblu\Zgb_ I\hZkk\uk[h
 ku Bkihevah\Zgb - fuqZgbbafh\kl_jgb
 I\h^_ ^_gb_ bih]h\ kZfhklhyl_ev gZy I\hZq_kdZy©jZjhdZpibb
 ihqih\uo_ _kh\^a

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©LZcf_j^a
 Baf_j_gb_ \j_f_gb_ lj_gb_ wg_]by fBfimevKZf_K[hj
 Bkihevah\Zgb_ f_oZgbafh\hgbb KZfhklhyl_ev gZy jZ ih I_f_
 I_f_ ©Bkihevah\Zgb_ rZImgh\^a

Раздел 5 «Энергия. Использование сил природы»

L_fZWg_j]bjbjh^u_ljZ \h^u khegpZ
 KbeZ b ^\b`_gb_ <hah[gh\ey_fZy wg_j]by ih]e
 bkihevah\Zgb_ wg_j]b Bkihevah\Zgb_ wg_j]b bafh hgb`ZxsZy
 am[qZlZy i_j_KZjZ fh^c_@<_ljygZy f_evglpZ
 ©=b^jhlmj[bgz^a ©KZhehgfhdg.e.a
 KZfhklhyl_evgZykdZy jZ[hIZ

L_fZ Bg_j]bjy[h[jZah\Zgb_ ihl_gpbZevghc wg_j]bb \db
 Bg_j]pbyGZdhie_gb_ dbg_lbq_kdhc wg_j]bb wg_
 Bkihevah\Zgb_ wg_j]b Bkihevah\Zgb_ wg_j]b bafh hgb`ZxsZy
 Bamgb_ fZoh\bdZ dZd f_oZgbafZ j_]mebjh\db kdh
 i_j_^ZqZ b kj_^kl\Z h[_ki_q_gby [_ahizkghklb
 Bkke_^h\Zgb_ fZoh\bdZ dZd Zdd Bkfi me y a h j \ Z g b g _ j a] m b
 dhe_k ^ey ih\ur_gby kdhjhklb

i_j_^ZqZ ij_h[jZah\Zgb_ khojZgwgbj]bb jZk kh py gk
 ij_\jZs_gb^ygh]h \b^Z wg_j]bb \^jm]hc

K[hjdZ fh^_e_c ©Bg_j]pbhggZy fZrbgz^a ©Km^h\Zy
 KZfhklhyl_evgZy \hj_q_kdZy jZ[hIZ

Раздел 6 «Машины с электроприводом»

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©Ly]Zq^a
 Dhe_kZ Lj_gb_ Baklhygby jZjkf_gb b kbeu Am[qZ
 r_kl_jgKZfhklhyl_evgZy \hj_q_kdZy jZ[hIZ ih l_f_
 fh^_eb ©Ly]Zq^a

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©=hghqguc Z\lhfh[bev^a
 lh\lhj_gb_ l_f Am[qZlu_ dhe_kZ JuqZ]b Dhe_kZ W
 jZkklhygby
 KZfhklhyl_evgZy \hj_q_kdZy jZ[hIZ ih l_f_ ©Dhggk
 ©=hghqguc Z\lhfh[bev^a

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©Kdhjhoh^a
 lh\lhj_gb_ l_f Am[qZlu_ dhe_kZ JuqZ]b K\yab
 Bkihevah\Zgb_ ^_lZe_c b maelf\j_KbbeZ\jlf_gb_ Ba
 KZfhklhyl_evgZy \hj_q_kdZy jZ[hIZ ih l_f_ ©Dhggk
 ©Kdhjhoh^a

L_fZ Dhgkljmbjh\Zgb_ fh^_eb ©Jh[hizk^a
 JZajZ[hldZ f_oZgbq_kdbo b]jmr_d JuqZ]b b kh_^bg
 i_j_^Zqb Bkihevah\Zgb_ ^_lZe_gc_jbmaelf\j_KbbeZ b w
 KZfhklhyl_evgZy \hj_q_kdZy jZ[hIZ ih l_f_ ©Dhggk
 ©Jh[hizk^a

Раздел 7 «Пневматика»

>Z\е_gb_ GZkhku FZghf_lj Dhfi_j_kkhj
 K[hjdZ fh^_eJucqZ@guc ih^t_fgbd^a ©lg_\fZlbq_kdb
 ©RIZfih\hqqguc ij_kk^a ©FZgndizfeylhj ©j

Раздел 8 «Индивидуальная работа над проектами»

L_fu ^ey bg^b\b^mZevguo ijh_dlh\
 - ©DZIZimevIZ^a
 - ©JmqgZy l_e_`dZ^a
 - ©E_[z^dZ^a
 - ©DZjmk_ev^a
 - ©GZ[ex^ZI_evqZy \urdZ^a
 - ©Fhkl^a
 - ©JZeeb ih ohefZf^a
 - ©<her_[guc aZfhd^a
 - ©lh^t_fgbd^a
 - ©lhqlh\ZI_fi_evqZy fZrbgZ^a
 - ©Jmqghc fbdk_j^a
 - ©E_lmqqZy furv^a

L_fZBlh]h\h_ aZgylb_
 <uklZ\dZ lj_a_glZpby dhgkljmdlhjkdbo jZ[hI lh^_^_g
]h^

F_lh^bq_kdh_ b fZl_ljhzewgkdh_ h[_ki_q_gb_ ijh]jZ

>ey ijh^_^_gby aZgylbCZffih g_lh]oh^bfh bkihev
 h[jZah\ZI_evgu_ dhgkljmdlhj ©L_ogheh]by b nba
 ^hihegbl_evgu_ we_f_glu

1. Dhgkljmdlhj ©L_ogheh]by LEGO Education GZ[hj ba
 ^_lZe_c ij_^gZagZq_g ^ey bamq_gby hkgb\gubjbaZ c
 fZ]g_lbafZ
2. GZ[hj ^hihegbl_evguo we_f_glh\ d dhgkljmdlhjm ©
 9686 LEGO Education ©lg_\fZlbdZ^a GZ[hj ^hihegbl_evguo v
 [Zah\h]h gZ[hjZ ^Z_l \hafh`ghklv ihkljhblv iylv hkg h
 ig_\fZlbq_kdbo fhdexedZ_l \ k_[y fgh]hp\lgu_ bgkl
 dhgkljmbjh\Zgby L_ogheh]bq_kdb_ dZjlu gZkhk
 deZiZgu \ha^mrguc j_kb_j b fZghf_lj
3. GZ[hj ^hihegbl_evguo we_f_glh\ d dhgkljmdlhjm ©
 9686 LEGO Education ©<hah[gh\ey_lhmgbbkkg wg_j]bb^a GZ[hj k
 kheg_qgm x [ZlZj_x ehiZklb ^\b]ZI_ev]_g_jZlhj

^hihegbl_ev guc ijh\h^fnevdHj ^bkie_c Zddmf
l_ogheh]bq_kdb_ dZjlu ^ey dhgkljmbjh\Zgby fh^_e_

Mq_[-ghlh^bq_kdb c dhfie_dk

1. Mq_hg ihkh[b_ ^ey mqZsboky gZ[hjLEGO DACTA dZjh
Technic 1031;
2. Mq_[gh_ ihkh[b_ ^ey mqZsboky gZ[hjLEGO DACTA dZj
Technic ©ljhklu_ fZrbgu b f_oZgbafu
3. F_lh^bq_kdh_ ihkh[b_ ^LEGO Technic e.yActivity Centre.
Teacher's Guide. - LEGO Group, 1990. - 143 klj
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5. ©L_ogheh]by b nbabdZ^a Dgb]Z ^ey mqlbl_ey Bgk
CD ±^bk d
6. >b^Zdlbq_kdb_ gZ[hju ^by]kjkhj\ \g_hgZgbc

Kibkhd ebl_jZlmju

>ey i_^Z]h]Z

1. Jh[hhl_ogbdZ ^ey ^_l_c b jh^bl_e_c K : Nbebiih
2. KZg-dll_j[mj]kdb_ hebfibZ^u ih db[_jg_lbd_ F K
3. = B ;helmgh\ ,2 ? AZcp_\ E K FZI_\ : E NjZ^
lh^ j_^ : E NjZ^dh\Z F K :gZgv_\kdh]h KI[GZm
4. @mjgZe ©Dhfivxl_jgu_ bgkljmf_glu \rdhe_^a ih^[
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5. L_ogheh]by b nbabdZ DgLEGO Educational mqlbl_ey

>ey ^_l_c b jh^bl_e_c

1. Jh[hhl_ogbdZ ^ey ^_l_c b jh^bl_e_c KI[K GZm
2. KZg-dll_j[mj]kdb_ hebfibZ^u ih db[_jg_lbd_ F K
3. = B ;helmgh\ X ? AZcp_\ : K FZI_\ : E NjZ^dh\
j_^
4. : E NjZ^dh\Z F K :gZgv_\kdh]h KI[IZmdZ
5. @mjgZe ©Dhfivxl_jgu_ bgkljmf_glu^a h^hjdZ klZI_c aZ