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Level 6

Jade Rabbit sends photos from the Moon

18th December, 2013

http://www.breakingnewsenglish.com/1312/131218-jade-rabbit.html

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Please try Levels 4 and 5 (they are easier).

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THE ARTICLE

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

China's scientific expedition to the Moon has sent back its first photos of the lunar surface. A robot called the Jade Rabbit became the first vehicle to traverse the Moon's volcanic ash since America's Apollo missions four decades ago. Scientists at China's mission control were ecstatic as the first high-quality images came through of an area of the Moon known as the Bay of Rainbows. The photos showed the rover with the Chinese flag clearly visible against the dark of space. Jade Rabbit is expected to test soil samples ahead of the possible mining of the Moon's rocks and minerals. A Chinese scientist said: "China's lunar programme is an important component of mankind's activities to explore the peaceful use of space."

The South China Morning Post described the Moon landing as a landmark achievement in Chinese history. It wrote: "The world long ago sat up and took notice of China's rapid rise as a space power....But nothing compares with the scientific and technological significance of the landing on the moon at 9.12 on Saturday night." It said the mission, "has transformed China's dream of putting a man on the moon into a given; sooner rather than later". China's science fiction writers are also overjoyed with their country's success. Chen Qiufan described his vision of the future, saying: "I think everything will look differently when a Chinese person looks at Earth from the Moon." He added: "I expect that day will come."

Sources: http://english.peopledaily.com.cn/202936/8486008.html

 $http://news. \textbf{xinhuanet}. com/english/china/2013-12/15/c_132969790. htm$

http://www.scmp.com/comment/insight-opinion/article/1381463/china-takes-its-place-space-

change-3-and-jade-rabbit

WARM-UPS

- **1. JADE RABBIT:** Students walk around the class and talk to other students about Jade Rabbit. Change partners often and share your findings.
- **2. CHAT:** In pairs / groups, decide which of these topics or words from the article are most interesting and which are most boring.

expedition / volcanic ash / ecstatic / flag / the dark of space / mining / explore / space / landmark / achievement / take notice / space power / man on the moon / vision

Have a chat about the topics you liked. Change topics and partners frequently.

3. MOON: What could we use it for? Complete this table with your partner(s). Change partners often and share what you wrote.

	Pros	Cons
Mining minerals		
Space tourism		
Accommodation		
Research		
Future prison		
Leave it alone		

- **4. SPACE EXPLORATION:** Students A **strongly** believe space exploration is necessary; Students B **strongly** believe it isn't. Change partners again and talk about your conversations.
- **5. EXPEDITION:** Rank these and share your rankings with your partner. Put the one you most want to go on at the top. Change partners often and share your rankings.
 - he Moon
 - the top of Mount Everest
 - the North Pole
 - a safari

- Mars
- across the Sahara
- along the Silk Road
- from Cairo to Cape Town
- **6. EXPLORE:** Spend one minute writing down all of the different words you associate with the word "explore". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

BEFORE READING / LISTENING

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

1. TRUE / FALSE: Read the headline. Guess if a-h below are true (T) or false (F).

Jade Rabbit is the first vehicle ever to cross volcanic ash on the Moon. Scientists weren't too happy with the first images Jade Rabbit sent.	T / F T / F
	-
To do Bobble Communication of the design of the Manager and the second	
Jade Rabbit is expected to do tests on the Moon's resources.	T / F
China said it wants to find peaceful ways to use space.	T / F
A China newspaper said the Moon landing left a mark on the land.	T / F
The newspaper said the world had recognized China as a space power.	T / F
China's science fiction writers said the Moon landing wasn't so special.	T / F
One writer thinks a Chinese person will visit the moon one day.	T / F
	A China newspaper said the Moon landing left a mark on the land. The newspaper said the world had recognized China as a space power. China's science fiction writers said the Moon landing wasn't so special.

2. SYNONYM MATCH: Match the following synonyms from the article.

1.	expedition	a.	overjoyed
2	traverse	b.	picture
3.	ecstatic	c.	noticeable
4.	visible	d.	milestone
5.	explore	e.	importance
6.	landmark	f.	mission
7.	achievement	g.	investigate
8.	significance	h.	travel over
9.	vision	i.	believe
10.	expect	j.	triumph

3. PHRASE MATCH: (Sometimes more than one choice is possible.)

1.	scientific expedition	a.	peaceful use of space
2	the first vehicle to traverse the	b.	China's rapid rise
3.	Scientists at China's mission control	c.	than later
4.	clearly visible against	d.	were ecstatic
5.	explore the	e.	day will come
6.	a landmark	f.	Moon's volcanic ash
7.	took notice of	g.	to the Moon
8.	sooner rather	h.	of the future
9.	his vision	i.	the dark of space
10.	I expect that	j.	achievement

GAP FILL

China's scientific (1) to the Moon has sent back its	known
first photos of the lunar surface. A robot called the Jade Rabbit	use
became the first vehicle to (2) the Moon's volcanic	traverse
ash since America's Apollo (3) four decades ago.	ahead
Scientists at China's mission control were ecstatic as the first high-	
quality images came through of an area of the Moon	expedition
(4) as the Bay of Rainbows. The photos showed the	clearly
rover with the Chinese flag (5) visible against the	missions
dark of space. Jade Rabbit is expected to test soil samples	component
(6) of the possible mining of the Moon's rocks and	component
minerals. A Chinese scientist said: "China's lunar programme is an	
important (7) of mankind's activities to explore the	
peaceful (8) of space."	
The South China Morning Post described the Moon landing as a	vision
(9) achievement in Chinese history. It wrote: "The	
	significance
world long ago sat up and took (10) of China's rapid	notice
rise as a space powerBut nothing compares with the scientific	overjoyed
and technological (11) of the landing on the moon	
at 9.12 on Saturday night." It said the mission, "has transformed	landmark
China's dream of putting a man on the moon into a	expect
(12); sooner rather than later". China's science	given
fiction writers are also (13) with their country's	differently
success. Chen Qiufan described his (14) of the	amerenery
future, saying: "I think everything will look (15)	
when a Chinese person looks at Earth from the Moon." He added:	
"I (16) that day will come."	

LISTENING – Guess the answers. Listen to check.

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

1)	sent back its first photos of a. the lunar surfaces b. the lonely surface c. the loner surface d. the lunar surface
2)	Scientists at China's mission control a. were egg static b. were elastic c. were exactly d. were ecstatic
3)	The photos showed the rover with the Chinese flag clearly visible against a. the dark of spaces b. the dark of space c. the dark of spaced d. the dark of spice
4)	test soil samples ahead of the possible mining of the Moon's a. rocks and minerals b. rocks and miner rails c. rocks and mini rails d. rocks and mine rails
5)	China's lunar programme is an important component of a. mankind's activates b. mankind's active cities c. mankind's activeness d. mankind's activities
6)	The South China Morning Post described the Moon landing as a a. landing mark achievement b. landed mark achievement c. landmark achievement d. land marker achievement
7)	The world long ago sat up and took notice of a. China's rapid rise b. China's rapid raise c. China's rapid risen d. China's rapid rising
8)	transformed China's dream of putting a man on the moon into a given; sooner a. rather than late b. rather than lateness c. rather than later d. rather than lay tar
9)	China's science fiction writers are a. also overjoy b. also overly joyed c. also over joyful d. also overjoyed
10)	a Chinese person looks at Earth from the Moon. He added: I expect that a. day will pass b. day will arrive c. day will appear d. day will come

LISTENING – Listen and fill in the gaps

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

China's (1)	the Moon has sent back its first photos
of the lunar surface. A robot call	ed the Jade Rabbit became the first vehicle
to traverse the Moon's (2)	America's Apollo missions
four decades ago. Scientists at 0	China's mission control were ecstatic as the
(3) came	e through of an area of the Moon known as
the Bay of Rainbows. The pho	otos (4) with the
Chinese flag clearly visible agains	st the dark of space. Jade Rabbit is expected
to (5) c	of the possible mining of the Moon's rocks
and minerals. A Chinese scient	ist said: "China's lunar programme is an
important component of manking	d's activities to (6)
use of space."	
The South China Morr	ning Post described the Moon
(7) achi	evement in Chinese history. It wrote: "The
world (8)	_ and took notice of China's rapid rise as a
space powerBut (9)	the scientific and
technological significance of the	landing on the moon at 9.12 on Saturday
night." It said the mission, "has t	ransformed China's dream of putting a man
on the moon (10)	rather than later". China's science
fiction writers are also overjoyed	d with their country's success. Chen Qiufan
described his (11)	, saying: "I think everything will
look differently when a Chinese	person looks at Earth from the Moon." He
added: "I (12)	come."

COMPREHENSION QUESTIONS

1.	What did the Jade Rabbit take photos of?
2.	What was the name of the last missions to the Moon?
3.	What's the name of the area the Jade Rabbit photographed?
4.	What will the rover take samples of?
5.	What uses of space does China want to explore?
6.	What kind of achievement did a newspaper describe the landing as?
7.	What kind of rapid rise is China having?
8.	What time did the rover touch down on the Moon?
9.	Who was overjoyed with China's success?
10.	Who does one writer expect will go to the Moon?

MULTIPLE CHOICE - QUIZ

1.	What did the Jade Rabbit take photos of?	6.	What kind of achievement did a newspaper describe the landing as?
	a) the lunar surface		a) land marking
	b) volcanoes		b) marked land
	c) space		c) marking land
	d) aliens		d) landmark
2.	What was the name of the last missions to the Moon?	7.	What kind of rapid rise is China having?
	a) Discovery		a) a historical one
	b) Atlantis		b) a phenomenal one
	c) Apollo		c) as a space power
	d) NASA		d) a significant one
3.	What's the name of the area the Jade Rabbit photographed?	8.	What time did the rover touch down on the Moon?
	a) the Ray of Bainbows		a) 12:09pm
	b) the Rainbow Bay		b) 9:12pm
	c) the Volcanic Ash Bay		c) 12:09am
	d) the Bay of Rainbows		d) 9:12am
4.	What will the rover take samples of?	9.	Who was overjoyed with China's success?
	a) air		a) rabbits
	b) soil		b) Martians
	c) atmosphere		c) science fiction writers
	d) water		d) cosmonauts
	u) watei		
5.	What uses of space does China want to explore?	10.	Who does one writer expect will go to the Moon?
	a) peaceful ones		a) China's president
	b) military ones		b) a Chinese person
	c) science fiction ones		c) his daughter
	d) information technology ones		d) prisoners

ROLE PLAY

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

Role A - The Moon

You think the Moon is the best place for an expedition. Tell the others three reasons why. Tell them things that are wrong with their places. Also, tell the others which is the least exciting of these (and why): a Kenyan safari, the Sahara Desert or the Amazon.

Role B - A Kenyan Safari

You think a Kenyan safari is the best place for an expedition. Tell the others three reasons why. Tell them things that are wrong with their places. Also, tell the others which is the least exciting of these (and why): the Moon, the Sahara Desert or the Amazon.

Role C - The Sahara Desert

You think the Sahara Desert is the best place for an expedition. Tell the others three reasons why. Tell them things that are wrong with their places. Also, tell the others which is the least exciting of these (and why): a Kenyan safari, the Moon or the Amazon.

Role D - The Amazon

You think the Amazon is the best place for an expedition. Tell the others three reasons why. Tell them things that are wrong with their places. Also, tell the others which is the least exciting of these (and why): a Kenyan safari, the Sahara Desert or the Moon.

AFTER READING / LISTENING

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

1. WORD SEARCH: Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'mission' and 'control'.

mission	control

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.
- **2. ARTICLE QUESTIONS:** Look back at the article and write down some questions you would like to ask the class about the text.
 - Share your questions with other classmates / groups.
 - Ask your partner / group your questions.
- **3. GAP FILL:** In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?
- **4. VOCABULARY:** Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.
- **5. TEST EACH OTHER:** Look at the words below. With your partner, try to recall how they were used in the text:

lunar	history
• ago	• power
quality	• night
• flag	• later
• rocks	future
• use	• day

JADE RABBIT SURVEY

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

Write five GOOD questions about Jade Rabbit in the table. Do this in pairs. Each student must write the questions on his / her own paper.

When you have finished, interview other students. Write down their answers.

	STUDENT 1	STUDENT 2	STUDENT 3
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

JADE RABBIT DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

- a) What did you think when you read the headline?
- b) What springs to mind when you hear the word 'moon'?
- c) What do you think of China's Moon landing?
- d) What do you hope China will achieve with its Moon landing?
- e) Would you like to go to the Moon? What would you do there?
- f) Why do you think the name of China's rover is Jade Rabbit?
- g) Why has it been 40 years since anyone sent an expedition to the moon?
- h) How excited do you get about space exploration and Moon landings?
- i) Would you be a good astronaut?
- j) What are the "peaceful" uses of space?

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JADE RABBIT DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

- a) Did you like reading this article? Why/not?
- b) How big an achievement is this for China?
- c) Will China's Moon landing spark a space race?
- d) What could countries achieve in space if they collaborated more?
- e) Would you be excited at watching another person walk on the Moon?
- f) Does your country have a history of exploration?
- g) What is your vision of the future and the Moon?
- h) What would it be like to live on the Moon?
- i) How would Earth look from the Moon?
- j) What questions would you like to ask the head of China's space programme?

DISCUSSION (Write your own questions)

STUDENT A's QUESTIONS (Do not show these to student B)

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	CUSSION (
SC		(Write y	our ow	n ques	stions)
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SC	CUSSION ((Write y	our ow	n ques	stions)

LANGUAGE - CLOZE

Chin	a's so	cientific expedit	tion t	o the Moon	has s	ent back its	first i	photos of the
		surface. A rol						
		the Moon's volc						
		at China's miss				-		_
		ugh of an area						
		ie rover with th				-		-
		it is expected t						
Моо	n's ro	cks and minera	ıls. A	Chinese scier	ntist sa	aid: "China's I	unar	programme is
an ir	nporta	ant (6) of	mank	ind's activities	s to ex	plore the pea	ceful ı	use of space."
The	Sout	h China Morn	ing P	ost describe	d the	Moon landir	ng as	a landmark
achi	eveme	ent in Chinese	histo	ry. It wrote:	"The	world long ag	jo sat	up and took
(7)		of China's rapid	l (8)	as a spa	ace po	werBut not	hing d	compares with
the	scient	ific and techno	logica	l significance	(9) _	the landi	ng on	the moon at
		Saturday night.'						
		man on the m						
		ction writers are				-		_
		his (11)					-	_
	=	when a Chine that day will co	-	erson looks at	LEaru	i from the M	0011.	пе аййей:
(12)		that day will co	Jille.					
Put	the c	orrect words 1	from	the table bel	low in	the above a	rticle	-
1.	(a)	lunar	(b)	solar	(c)	stellar	(d)	polar
2.	(a)	travels	(b)	taverns	(c)	traverse	(d)	travesty
3.	(a)	elastic	(b)	intact	(c)	ecstatic	(d)	instinct
4.	(a)	visor	(b)	visibility	(c)	vision	(d)	visible
5.	(a)	before	(b)	prior	(c)	ahead	(d)	previous
6.	(a)	compartment	(b)	component	(c)	composition	(d)	constitution
7.	(a)	nought	(b)	notice	(c)	notation	(d)	notion
8.	(a)	raise	(b)	rise	(c)	rising	(d)	risen
9.	(a)	for	(b)	as	(c)	of	(d)	by
10.	(a)	done	(b)	taken	(c)	been	(d)	given
11.	(a)	viewing	(b)	eyesight	(c)	sight	(d)	vision
12.	(a)	exult	(b)	expose	(c)	exact	(d)	expect

SPELLING

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

Paragraph 1

- 1. China's scientific <u>tpexnoiied</u> to the Moon
- 2. photos of the lunar csfauer
- 3. the first vehicle to streeray the Moon's volcanic ash
- 4. Scientists at China's mission control were ecatscit
- 5. the Moon's rocks and snimearl
- 6. an important noneptmoc

Paragraph 2

- 7. a landmark <u>hcteimveaen</u>
- 8. scientific and technological gnsceiifinca
- 9. the mission has ntrosardmef China's dream
- 10. science fniocti writers
- 11. his <u>svioni</u> of the future
- 12. everything will look <u>niryletffde</u>

PUT THE TEXT BACK TOGETHER

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

Number these lines in the correct order.

()	samples ahead of the possible mining of the Moon's rocks and minerals. A Chinese scientist said: "China's lunar
()	the rover with the Chinese flag clearly visible against the dark of space. Jade Rabbit is expected to test soil
()	decades ago. Scientists at China's mission control were ecstatic as the first high-
()	called the Jade Rabbit became the first vehicle to traverse the Moon's volcanic ash since America's Apollo missions four
()	rather than later". China's science fiction writers are also overjoyed with their country's
(1)	China's scientific expedition to the Moon has sent back its first photos of the lunar surface. A robot
()	compares with the scientific and technological significance of the landing on the moon at 9.12 on Saturday night." It said the
()	programme is an important component of mankind's activities to explore the peaceful use of space."
()	differently when a Chinese person looks at Earth from the Moon." He added: "I expect that day will come."
()	The South China Morning Post described the Moon landing as a landmark achievement in Chinese history. It wrote: "The world
()	long ago sat up and took notice of China's rapid rise as a space powerBut nothing
()	mission, "has transformed China's dream of putting a man on the moon into a given; sooner
()	success. Chen Qiufan described his vision of the future, saying: "I think everything will look
()	quality images came through of an area of the Moon known as the Bay of Rainbows. The photos showed

PUT THE WORDS IN THE RIGHT ORDER

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

1.	photos	lun	ar :	Sent	first	the	its	of	surface	e bad	ck.
2.	China's	at	Sci	entists	ecs	static	wer	e co	ntrol	missior	1.
3.	soil th	ne	Test	of	ahead	d m	ining	sam	ples p	oossible	
4.	compon	ent	impo	ortant	an	is	progr	amme	lunaı	r Chii	na's.
5.	explore	sp	ace	the	peace	eful	Activi	ties	use t	o of.	
6.	history	Α	achi	eveme	nt (Chines	se la	ındmar	k in.		
7.	a spa	ce	power	· Tool	k no	tice	of (China's	s rapid	l rise	as.
8.	dream	a	the	China	a's	puttin	g oı	n of	man	moo	n.
9.	writers	fict	ion	scienc	e C	hina's	OV	erjoyed	d also	are.	
10.	come	."	Не	added	:	"	I e	xpect	that	day	will

CIRCLE THE CORRECT WORD (20 PAIRS)

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

China's scientific / scientifically expedition to the Moon has sent back its first photos of the lunar surface / surfaced. A robot called the Jade Rabbit became the first vehicle to converse / traverse the Moon's volcanic ash since America's Apollo missions four decades ago. Scientists at China's mission control were ecstasy / ecstatic as the first high-quality images came through of an area of the Moon known / knowing as the Bay of Rainbows. The photos showed / showered the rover with the Chinese flag clearly visibility / visible against the dark of space. Jade Rabbit is expected to test soiled / soil samples ahead of the possibility / possible mining of the Moon's rocks and minerals. A Chinese scientist said: "China's lunar programme is an important component / compartment of mankind's activities to explore the peaceful use of space."

The South China Morning Post described the Moon landing as a bookmark / landmark achievement in / on Chinese history. It wrote: "The world length / long ago sat up and took / gave notice of China's rapid rise as a space power....But nothing compares / comparisons with the scientific and technological significance / significant of the landing on the moon at 9.12 on Saturday night." It said the mission, "has transformed China's dreamy / dream of putting a man on the moon into a taken / given; sooner rather than later". China's science fiction writers are also overjoyed with their country's successful / success. Chen Qiufan described his vision of the future, saying: "I think everything will look differently when a Chinese person looks at Earth from the Moon." He added: "I expectant / expect that day will come."

Talk about the connection between each pair of words in italics, and why the correct word is correct.

INSERT THE VOWELS (a, e, i, o, u)

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

 $Ch_n_'s \ sc__nt_f_c \ _xp_d_t__n \ t_ \ th_ \ M__n \ h_s \ s_nt$ bck tsfrst phts fth Inrsrfc. rbt c_ll_d th_ J_d_ R_bb_t b_c_m_ th_ f_rst v_h_cl_ t_ tr_v_rs_ th_ M__n's v_lc_n_c _sh s_nc_ _m_r_c_'s _p_II_ m_ss__ns f__r d_c_d_s _g_. Sc__nt_sts _t Ch_n_'s m_ss__n c_ntr_l w_r_ _cst_t_c _s th_ f_rst h_gh-q__l_ty _m_g_s c_m_ thr__gh _f _n _r__ _f th__ M__n kn_wn _s th_ B_y _f R__nb_ws. Th_ ph_t_s sh_w_d th_ r_v_r w_th th_ Ch_n_s_ fl_g cl__rly v_s_bl_ _g__nst th_ d_rk _f sp_c_. J_d_ R_bb_t _s $_{\tt xp_ct_d}$ t_ t_st s__l s_mpl_s _h__d _f th_ p_ss_bl_ mnng fth Mn'srcks ndmnrls. Chns sc__nt_st s__d: "Ch_n_'s l_n_r pr_gr_mm_ _s _n _mp_rt_nt c_mp_n_nt _f m_nk_nd's _ct_v_t__s t_ _xpl_r_ th_ p__c_f_l _s_ _f sp_c_." Th S th Ch n M rn ng P st d scr b d th M n Ind ng s Indm rk ch v m nt n Ch n s h_st_ry. _t wr_t_: "Th_ w_rld l_ng _g_ s_t _p _nd t__k n_t_c_ _f Ch_n_'s r_p_d r_s_ _s _ sp_c_ p_w_r....B_t $n_th_ng \quad c_mp_r_s \quad w_th \quad th_ \quad sc__nt_f_c \quad _nd$ t_chn_l_g_c_l s_gn_f_c_nc_ _f th_ l_nd_ng _n th_ m__n _t 9.12 _n S_t_rd_y n_ght." _t s__d th_ m_ss__n, "h_s tr_nsf_rm_d Ch_n_'s dr__m _f p_tt_ng _ m_n _n th_ m__n _nt_ _ g_v_n; s__n_r r_th_r th_n l_t_n'' . $Ch_n's$ $sc_nc_f_ct_n$ $wr_t_rs_r_ls_n'$ _v_rj_y_d w_th th__r c__ntry's s_cc_ss. Ch_n Q__f_n d_scr_b_d h_s v_s__n _f th_ f_t_r_, s_y_ng: "_ th_nk _v_ryth_ng w_II I__k d_ff_r_ntly wh_n _ Ch_n_s_ p_rs_n l__ks _t __rth fr_m th_ M__n." H_ _dd d: " _xp_ct th_t d_y w_ll c_m_."

PUNCTUATE THE TEXT AND ADD CAPITALS

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

china's scientific expedition to the moon has sent back its first photos of the lunar surface a robot called the jade rabbit became the first vehicle to traverse the moon's volcanic ash since america's apollo missions four decades ago scientists at china's mission control were ecstatic as the first high-quality images came through of an area of the moon known as the bay of rainbows the photos showed the rover with the chinese flag clearly visible against the dark of space jade rabbit is expected to test soil samples ahead of the possible mining of the moon's rocks and minerals a chinese scientist said "china's lunar programme is an important component of mankind's activities to explore the peaceful use of space"

the south china morning post described the moon landing as a landmark achievement in chinese history it wrote "the world long ago sat up and took notice of china's rapid rise as a space power...but nothing compares with the scientific and technological significance of the landing on the moon at 912 on saturday night" it said the mission "has transformed china's dream of putting a man on the moon into a given sooner rather than later" china's science fiction writers are also overjoyed with their country's success chen qiufan described his vision of the future saying "i think everything will look differently when a chinese person looks at earth from the moon" he added "i expect that day will come"

PUT A SLASH (/) WHERE THE SPACES ARE

From http://www.BreakingNewsEnglish.com/1312/131218-jade-rabbit.html

China'sscientificexpeditiontotheMoonhassentbackitsfirstphotosofthelunarsu rface.ArobotcalledtheJadeRabbitbecamethefirstvehicletotraversetheMoon's volcanicashsinceAmerica'sApollomissionsfourdecadesago.ScientistsatChina' smissioncontrolwereecstaticasthefirsthigh-qualityimagescamethrough ofanareaoftheMoonknownastheBayofRainbows.Thephotosshowedtherover withtheChineseflagclearlyvisibleagainstthedarkofspace.JadeRabbitisexpect edtotestsoilsamplesaheadofthepossibleminingoftheMoon'srocksandmineral s.AChinesescientistsaid: "China'slunarprogrammeisanimportantcomponento fmankind'sactivitiestoexplorethepeacefuluseofspace."TheSouthChinaMorni ngPostdescribedtheMoonlandingasalandmarkachievementinChinesehistory. Itwrote: "TheworldlongagosatupandtooknoticeofChina's rapidriseas as pacepo wer....Butnothingcompares with the scientificand technological significance of the elandingonthemoonat9.12onSaturdaynight."Itsaidthemission,"hastransfor medChina'sdreamofputtingamanonthemoonintoagiven; soonerratherthanlat er". China's science fiction writers are also over joyed with their country's success. ChenQiufandescribedhisvisionofthefuture, saying: "Ithinkeverythingwilllookd ifferentlywhenaChinesepersonlooksatEarthfromtheMoon."Headded:"Iexpec tthatdaywillcome."

FREE WRITING

/rite about Jade	Rabbit for 10 minute	es. Comment on yo	ur partner's paper.

ACADEMIC WRITING

utline the pros and cons of mining the Moon's resources. Should it go ahead?					

HOMEWORK

- **1. VOCABULARY EXTENSION:** Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.
- **2. INTERNET:** Search the Internet and find out more about Jade Rabbit. Share what you discover with your partner(s) in the next lesson.
- **3. JADE RABBIT:** Make a poster about Jade Rabbit and China's Moon landing. Show your work to your classmates in the next lesson. Did you all have similar things?
- **4. MOON MINING:** Write a magazine article about mining the Moon's resources. Include imaginary interviews with people who are for and against it.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

- **5. WHAT HAPPENED NEXT?** Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.
- **6. LETTER:** Write a letter to a Moon expert. Ask him/her three questions about Jade Rabbit. Give him/her three of your opinions on the Moon landing. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

TRUE / FALSE (p.4)

a F b F c T d T e F f T g F h T

SYNONYM MATCH (p.4)

- 1. expedition
- 2 traverse
- 3. ecstatic
- 4. visible
- 5. explore
- 6. landmark
- 7. achievement
- 8. significance
- 9. vision
- 10. expect

- a. mission
- b. travel over
- c. overjoyed
- d. noticeable
- e. investigate
- f. milestone
- g. triumph
- h. importance
- i. picture
- j. believe

COMPREHENSION QUESTIONS (p.8)

- 1. The lunar surface
- 2. Apollo
- 3. The Bay of Rainbows
- 4. Soil
- 5. Peaceful ones
- 6. A landmark achievement
- 7. As a space power
- 8. 9:12pm
- 9. Science fiction writers
- 10. A Chinese person

MULTIPLE CHOICE - QUIZ (p.9)

1. a 2. c 3. d 4. b 5. a 6. d 7. c 8. b 9. c 10. b

ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2. (It's good for your English ;-)