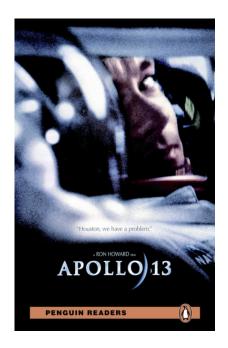
APOLLO 13

WORKSHEETS

ANGLAIS 11co



A. PRE-READING ACTIVITIES

WORKSHEET 1 – EXERCISE 1

Read these questions and find the answers in an encyclopedia or on the Internet. Lis ces questions et trouve les réponses dans une encyclopédie ou sur Internet.

- a. Qui est Apollon dans la mythologie grecque ?
- b. Qu'est-ce qu'Apollo dans le cadre de la NASA?
- c. Pourquoi l'année 1969 était-elle très importante pour la NASA ? Explique ce qui s'est passé.
- d. Quelle est la phrase la plus connue de Neil Armstrong ? Trouve-la en anglais et écris ensuite sa traduction en français.
- e. Que s'est-il passé en 1970 pour le groupe des Beatles ?



Source: http://karenswhimsy.com/greek-god-apollo.shtm

WORKSHEET 2 - EXERCISE 2

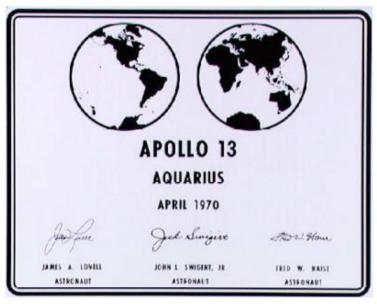
Read the introduction. Then close your book and fill in this paragraph with the vocabulary below. Be careful: there is an extra word.

Lis l'introduction, puis referme ton livre et complète le paragraphe ci-dessous avec le vocabulaire donné. Attention : il y a un mot de trop.

	radio	– оху	gen -	- Moon -	- con	nmand mo	dule –	space -	- astrona	auts – con	trolle	rs
Α	pollo	13	is	flying	thr	ough _				Th	е	three
				a	are Ji	im Lovell,	Fred I	Haise a	nd Jack	Swigert.	Sudo	lenly,
sc	omethi	ng go	es v	vrong. T	he _					lose	es po	ower.
					is	leaving	the	ship.	Jack	speaks	to	the
						in Hous	ton o	n the				
"H	lousto	n, we	have	a proble	m," ł	ne says.						

Now open your book again and check your answers.

Ouvre à nouveau ton livre et vérifie tes réponses.



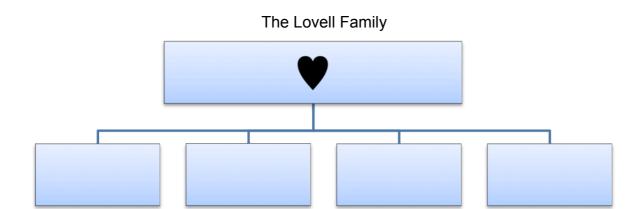
B. ACTIVITIES WHILE READING THE BOOK AND WATCHING THE FILM

WORKSHEET 3 – EXERCISE 3

CHAPTER 1

Read chapter 1 and fill in the family tree.

Lis le chapitre 1 et complète cet arbre généalogique.





 $Source: http://4.bp.blogspot.com/_losUXJAxRg4/SwWooAqE59I/AAAAAAAAAGpI/joHw4Juzmds/s1600/apollo-13-2.jpg$

WORKSHEET 4 - EXERCISE 4

Watch chapter 1 and choose the correct answers to these questions.

Regarde le chapitre 1 et choisis les réponses qui conviennent à ces questions.

- 1. When and where was the Apollo 1 pre-launch test?
 - a. On January 20th, 1967 in Washington.
 - b. On June 26th, 1967 in Texas.
 - c. On January 27th, 1967 in Florida.
- 2. Why did Gus Grisson, Ed White and Roger Chaffee die during this test?
 - a. They died because there was a fire.
 - b. They died because there was an explosion.
 - c. They died because there was no oxygen.
- 3. Who was with Neil Armstrong in space on July 20th, 1969?
 - a. Jim Lovell.
 - b. Buzz Aldrin.
 - c. Gus Gresson.
- 4. Who was the first man to walk on the Moon?
 - a. Jim Lovell.
 - b. Buzz Aldrin.
 - c. Neil Armstrong.
- 5. Which missions had Jim Lovell been on before?
 - a. Gemini 7, Gemini 12 and Apollo 8.
 - b. Gemini 7, Gemini 8 and Apollo 12.
 - c. Gemini 6, Gemini 7 and Apollo 8.
- 6. How old was Neil Armstrong on this mission?
 - a. He was 83 years old.
 - b. He was 33 years old.
 - c. He was 38 years old.

WORKSHEET 4' - EXERCISE 4'

Watch chapter 1 and choose the correct answers to these questions.

Regarde le chapitre 1 et choisis les réponses qui conviennent à ces questions.

- 1. Quand et où a eu lieu le test de pré-lancement d'Apollo 1?
 - a. Le 20 janvier 1967 à Washington.
 - b. Le 26 juin 1967 au Texas.
 - c. Le 27 janvier 1967 en Floride.
- 2. Pourquoi Gus Grisson, Ed White et Roger Chaffee sont-ils morts pendant ce test?
 - a. Ils sont morts car il y a eu un incendie.
 - b. Ils sont morts car il y a eu une explosion.
 - c. Ils sont morts car il n'y avait plus d'oxygène.
- 3. Qui était avec Neil Armstrong dans l'espace le 20 juillet 1969 ?
 - a. Jim Lovell.
 - b. Buzz Aldrin.
 - c. Gus Gresson.
- 4. Qui fut le premier homme à marcher sur la Lune?
 - a. Jim Lovell.
 - b. Buzz Aldrin.
 - c. Neil Armstrong.
- 5. A quelles missions Jim Lovell avait-il collaboré auparavant?
 - a. Gemini 7, Gemini 12 et Apollo 8.
 - b. Gemini 7, Gemini 8 et Apollo 12.
 - c. Gemini 6, Gemini 7 et Apollo 8.
- 6. Quel âge Neil Armstrong avait-il lors de cette mission ?
 - a. Il avait 83 ans.
 - b. Il avait 33 ans.
 - c. Il avait 38 ans.

WORKSHEE	T 5 – EXERCISES 5 & 6
Ex. 5	
Link the first names with the correct sanswers.	surnames, then watch chapter 2 and check your
Relie les prénoms avec les noms de chapitre 2 et vérifie tes réponses.	le famille qui conviennent. Regarde ensuite le
Jim •	• Armstrong
Christopher •	• Lovell
Charles •	 Columbus
Neil •	Lindbergh
•	bergh are famous for ? Explain in English. indbergh sont célèbres ? Explique en anglais.
Columbus	
Lindbergh	
Ex. 6	
Now write the number of each <i>Apollo</i> book (chapter 1) to help you.	mission next to the correct astronaut. Use your
Ecris le numéro de chaque mission A faisaient partie. Tu peux t'aider du livre	Apollo à côté des noms des astronautes qui en (chapitre 1).
a. Alan Shepard : Apollo	
b. Neil Armstrong : Apollo	
c. Pete Conrad : Apollo	

Apollo 13 – Worksheets 9

Apollo _____

Apollo _____

Apollo _____+

d. Buzz Aldrin:

e. Fred Haise:

f. Jim Lovell:

WORKSHEET 6 – EXERCISE 7

CHAPTER 2

Read pages 2 and 3 (up to the lozenge) and answer these comprehension questions in English.

Lis les pages 2 et 3 (jusqu'au losange) et réponds aux questions de compréhension suivantes en anglais.

- a. Why do the plans for Apollo 13 change?
- b. Who are the three astronauts on the Apollo 13 trip now?
- c. What is the command module?
- d. What does the lunar module do?



Source: http://en.wikipedia.org/wiki/Apollo_13

WORKSHEET 6' - EXERCISE 7'

CHAPTER 2

Read pages 2 and 3 (up to the lozenge) and find the correct order for the answers to these comprehension questions. Don't forget to add capital letters and punctuation.

Lis les pages 2 et 3 (jusqu'au losange) et mets dans le bon ordre les parties de réponses aux questions de compréhension suivantes. N'oublie pas d'ajouter les majuscules et la ponctuation.

- a. Why do the plans for *Apollo 13* change?
 astronaut alan shepard / go on *apollo 13* / they change because / has got a problem / so he can't / with one of his ears
- b. Who are the three astronauts on the Apollo 13 trip now ?ken mattingly / are jim lovell / the three astronauts / fred haise and / on the apollo 13 trip
- c. What is the command module ?trip from earth / is the *apollo* astronauts / the command module / home for the long
- d. What does the lunar module do ?takes the astronauts / the lunar module / down to the moon



Source: http://en.wikipedia.org/wiki/Apollo_13

WORKSHEET 7 – EXERCISE 8

Read the end of chapter 2 (from the lozenge on page 3) and number these sentences in the correct order.

Termine la lecture du chapitre 2 (à partir du losange de la page 3) et numérote ces phrases dans l'ordre qui convient.

Help : will	= future auxiliary. Example : We'll / We will go to the Moon. = Nous irons sur la Lune.
a	We'll get back inside <i>Aquarius</i> and leave the Moon.
b	A rocket will shoot us away from the Earth.
C	We'll go around the Moon.
d	We'll get some rocks and take some photos.
e	We will fly back to Earth.
f	Aquarius will leave Odyssey.
g	Some of the rocket engines will fall away from <i>Apollo</i> .
h	Mr. Haise and I will get into <i>Aquarius</i> .
i	We'll be close to the Moon and its gravity will pull on us.
j	Aquarius will carry us down to the Moon.
k	We'll walk on a new place, the Fra Mauro.



We'll move back into the command module.

Source: http://en.wikipedia.org/wiki/Apollo_13

WORKSHEET 8 - EXERCICE 9

CHAPTER 3

Read chapter 3 and find the sentences that are in the book. Write BOOK next to them. Now watch the film. Write FILM next to the sentences that are in the film.

Lis le chapitre 3 et trouve les phrases qui sont dans le livre. Ecris BOOK à côté de celles-ci. Regarde le film. Ecris FILM à côté des phrases qui sont dans le film.

		BOOK OR FILM?
1.	"In two days that rocket will take you into space."	
2.	"Jim, we've got a problem."	
3.	"One of the controllers has the measles."	
4.	"Oh, I've had the measles."	
5.	"Ken Mattingly didn't have the measles when he was young."	
6.	"The doctor says that Ken Mattingly can't fly with us."	
7.	"You wanna break up my crew two days before the launch?"	
8.	"Ken Mattingly will be getting seriously ill."	
9.	"Jack Swigert is a good pilot. He can fly the command module, and he's ready."	
10.	"He's a fine pilot, but when was the last time he was in a simulator?"	
11.	"Jim, if you hold out for Ken, you will not be on Apollo 13."	
12.	"Ok, let's get Jack ready."	

WORKSHEET 9 – EXERCISE 10

CHAPTER 4

Read pages 6 to 8 (up to the lozenge) and answer these comprehension questions in French.

Lis les pages 6 à 8 (jusqu'au losange) et réponds à ces questions de compréhension en français.

- a. Où sont les trois astronautes au début du chapitre ?
- b. Quelle mission était le troisième voyage de Jim Lovell ?
- c. Dans quelle configuration les trois astronautes sont-ils assis dans le module de commande ?
- d. Où se trouve le centre de contrôle de la mission ?
- e. Comment s'appelle le chef du contrôle de la mission?



Source: http://en.wikipedia.org/wiki/Apollo_13

WORKSHEET 9' - EXERCISE 10'

CHAPTER 4

Read pages 6 to 8 (up to the lozenge) and circle the correct answers.

Lis les pages 6 à 8 (jusqu'au losange) et entoure les réponses qui conviennent.

- 1. Où sont les trois astronautes au début du chapitre ?
 - a. Ils sont à Houston, au Texas, au pied de la fusée Saturn 5.
 - b. Ils sont à Cap Kennedy, au Texas, dans la fusée Saturn 5.
 - c. Ils sont à Cap Kennedy, en Floride, au pied de la fusée Saturn 5.
- 2. Quelle mission était le troisième voyage de Jim Lovell ?
 - a. C'était la mission Apollo 7.
 - b. C'était la mission Apollo 8.
 - c. C'était la mission Apollo 9.
- 3. Dans quelle configuration les trois astronautes sont-ils assis dans le module de commande ?
 - a. Jim est assis à gauche, Jack au milieu et Fred à droite.
 - b. Jack est assis à gauche, Jim au milieu et Fred à droite.
 - c. Fred est assis à gauche, Jack au milieu et Jim à droite.
- 4. Où se trouve le centre de contrôle de la mission ?
 - a. Il se trouve à Cap Kennedy, en Floride.
 - b. Il se trouve à Houston, au Texas.
 - c. Il se trouve à Miami, en Floride.
- 5. Comment s'appelle le chef du contrôle de la mission?
 - a. Il s'appelle Jim Lovell.
 - b. Il s'appelle Deke Slayton.
 - c. Il s'appelle Gene Kranz.



Source: http://en.wikipedia.org/wiki/Apollo_13

WORKSHEET 10 - EXERCISES 11 & 12

Ex. 11

Look at the photo and link the names of the astronauts to the three men.

Regarde la photo et relie les noms des astronautes aux trois hommes.



Source : Anastasio, Dina. Apollo 13. Retold by Brent Furnas. Harlow : Penguin Readers, Pearson Education Limited, 2008. p. 7.

Ex. 12
Watch the scene of the launch and put the following sentences in the correct order.
Regarde la scène du lancement et mets les phrases suivantes dans l'ordre qui convient.

 _ <i>Apollo 13</i> flight controllers, listen up.
 _ The clock is running !
 Launch Control, this is Houston. We are go for launch.
 _ Aw, I hate this already.
 _ T minus 60 seconds and counting.
 _ Jim, you're all set.
 Hey, Gene, I guess we can go now.
 Houston, we have cleared the tower at 13:13.
 _ This is from your wife, Gene.
 _ We have lift-off !
 Control, this is Guidance. They're ready for take-off.
Well you can't argue with tradition

WORKSHEET 11 – EXERCISE 13

Watch the film and cross out all the extra words in the dialogue below. Regarde le film et barre les mots en trop dans le dialogue ci-dessous.

Mary: Oh, boy. I hope I can sleep tonight.

Child: Mom, that was loud.

Mary: Here, son, hold my hand.

Marilyn, I can't believe you did this four times.

Marilyn: The worst part's over now.

Mary: Really, it is?

Marilyn: Listen, this doesn't stop for me until he lands in the sea on that aircraft carrier.

Mary: Well, you just look so calm about it to me.

Marilyn: If the flight surgeon had to okay me for this mission, I'd probably be grounded.

Reporters: Mrs. Lovell! Mrs. Haise! Can we speak to you, please?

Can we just have a quick word with you?

Marilyn: Remember to say you're proud, happy and thrilled.

Reporter: Mrs. Lovell!

How're ya both feeling?

Mary: Gentlemen, we're very proud and very happy, and we're thrilled.



Source: http://en.wikipedia.org/wiki/File:Apollo 13 liftoff-KSC-70PC-160HR.jpg

WOI	RKS	HFF	Г 12	_ FX	FR	CISE	14
		,,,,,,	1 14		\sim	CIGL	- 1 -

Read the book from the lozenge on page 8 to page 11. Then read these definitions and find the corresponding words in the text.

Lis le livre du losange de la page 8 à la page 11. Lis ensuite les définitions suivantes et trouve les mots qui conviennent dans le texte.

a.	an engine used for space travel and for bombs :
b.	the natural satellite that moves round the Earth and shines in the sky at night :
C.	a loud unpleasant sound :
d.	the natural force by which objects are attracted to each other :
e.	area outside the Earth's atmosphere where astronauts travel :
f.	a person who travels in a spacecraft :
g.	the world / planet where we live :
h.	a usually short journey from one place to another :
i.	the area above the Earth :
j.	a large motor that produces power :

WORKSHFFT 12'	- FXFRCISE 14
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Read the book from the lozenge on 8 to page 11. Then read these definitions and find the corresponding words in the text.

Lis le livre du losange de la page 8 à la page 11. Lis ensuite les définitions suivantes et trouve les mots qui conviennent dans le texte.

a.	an engine used for space travel and for bombs :
	R
b.	the natural satellite that moves round the Earth and shines in the sky at night :
	M
C.	a loud unpleasant sound :
	N
d.	the natural force by which objects are attracted to each other:
	G
e.	area outside the Earth's atmosphere where astronauts travel :
	S
f.	a person who travels in a spacecraft :
	A
g.	the world / planet where we live :
	E
h.	a usually short journey from one place to another :
	T
İ.	the area above the Earth :
	S
j.	a large motor that produces power :
	F

WORK	KSHFFT	13 -	EXERCI	SF 15

Read the following extracts and put them in the correct order. Then listen to the CD to check your answers.

Lis les parties de textes suivantes et mets-les dans l'ordre qui convient. Ecoute ensuite le CD pour vérifier tes réponses.

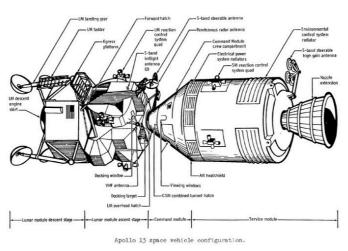
He felt great. He was in space again. "OK," said Fred. "The Earth is behind us now. We can stop the engine." One minute later the engine turned off, but <i>Apollo</i> didn't stop.
"It's beautiful," said Fred. At Mission Control, Kranz watched <i>Apollo</i> on a map in front of him. "That's their second trip around the Earth," he said to a controller. "Is everything OK in the command module?"
The astronauts worked hard in the command module. Sometimes they stopped and took pictures of the Earth below them. "We can see the sun coming up, Houston," said Jim. "We can see the Earth again. The colors look wonderful."
Jack smiled. "I can do it," he said. "I know," Jim answered.
"Yes," answered the controller. "We can't find any problems. The engine will start in one minute. That will turn <i>Apollo</i> away from the Earth." " <i>Apollo</i> , this is Houston," said Kranz.
It moved quickly through space. "We're going to the Moon," laughed Jim. "Odyssey, you have to dock with Aquarius now," said Mission Control. Jim looked at Jack. "I hope he can do this," he thought.
"Everything is OK. It's time for <i>Apollo</i> 's trip to the Moon." Another engine started in the <i>Saturn</i> rocket and <i>Apollo</i> moved away from the Earth. Jim smiled.

WORKSHEET 14 - EXERCISE 16

CHAPTER 5

Read chapter 5 and rewrite these sentences correcting the mistakes. Lis le chapitre 5 et réécris ces phrases en corrigeant les erreurs.

- 1. Young Jeffrey stood with his friends in Mission Control.
- 2. Jay was away at summer camp and couldn't be there.
- 3. Jeffrey moved close to the television and saw his father look at the camera.
- 4. "Cooking isn't easy without food," said Jim.
- 5. Fred and Jim showed the people around the lunar module, *Odyssey*.
- 6. "The walls of the lunar module are as thin as ice," said Fred.



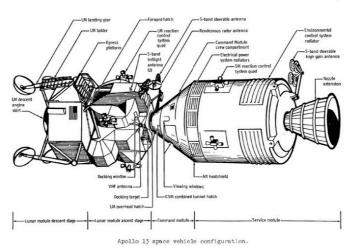
Source: http://en.wikipedia.org/wiki/File:2010-06-11_CSM%26LM.jpg

WORKSHEET 14' - EXERCISE 16'

CHAPTER 5

Read chapter 5 and correct the words that are in bold in these sentences. Lis le chapitre 5 et corrige les mots qui sont en gras dans ces phrases.

- 1. Young Jeffrey stood with his **friends** in Mission Control.
- 2. Jay was away at **summer camp** and couldn't be there.
- 3. Jeffrey moved close to the television and saw his father **look at** the camera.
- 4. "Cooking isn't easy without **food**," said Jim.
- 5. Fred and Jim showed the people around the lunar module, *Odyssey*.
- 6. "The walls of the lunar module are as thin as ice," said Fred.



Source: http://en.wikipedia.org/wiki/File:2010-06-11_CSM%26LM.jpg

WORKSHEET	16	EVEDUICE	17
WURNOHELL	13) —	EXERCIDE	

Read this transcript of the first *Apollo 13* broadcast and fill in the gaps with the words below (be careful, there is an extra word). Then watch the broadcast and check your answers.

Lis la transcription de la première émission en direct d'Apollo 13 et complète-la avec les mots ci-dessous (attention, il y en a un en trop). Regarde ensuite la séquence et vérifie tes réponses.

broadcast – space – places – today – America – astronaut – return – life Moon – *Apollo* – module – *Odyssey* – Lovell – Earth – excursion

Jim :	Okay, uh, good evening	and welcome	aboard	13.
	I'm Jim	_, and we're broadcasting to you	u tonight from an altitu	de of
		ay from the face of the Earth an		
	in store for you tonight.			
	We are going to show yo	u just what our	is like for the three o	of us
	here in the vast expanse	of outer		
	One of the first things we	d like to do is provide you with	the appropriate backgr	ound
	music.			
	So, uh, hit it there, Fredd	0.		
Fred	: Hello, world !			
Jim :	That, uh, was supposed	to be the theme to 2001 in hono	r of our command	
	Odyss	sey, but there seems to have be	en a last minute chang	e in the
	program.			
Jack	: Uh, well, if anyone from t	the, uh, I.R.S. is watching I forgo	ot to file my 1040 returr	า. l
	meant to do it	, but, uh		
Fred	: Well, folks, let's head on	down to the lunar	module. Follow n	ne.
Jim :	Now, when we get ready	to land on the	_ Fred Haise and I will	float
	through this access tunne	el into the lunar module, leaving		
	the spacecraft will rem	nain connected.		
	Well, folks, as you can pi	robably tell the <i>Aquarius</i> isn't mu	uch bigger than a coup	le of
	telephone booths. The sl	kin of the LEM in some	is only as th	ick as a
		and that's all that protects us fr		
	We can get away with thi	is because the LEM is designed	only for flight in outer	space.
	Fred Haise, Renaissance	_	, -	-
	Okav. we'll head back up	the tunnel now and back into the	ne .	

All right, we've returned to the -- Stand by one, Houston.

Fred: Gotcha!

Jim: Houston, that bang you heard was Fred Haise on the cabin repress valve. He really gets our hearts goin' every time with that one.

Okay, we're, uh, about to close out the *Aquarius* and, uh, _______ to the *Odyssey*.

Our next ______ will be from the Fra Mauro on the surface of the Moon.

So, uh, this is the crew of the *Apollo 13* wishing everyone back on ______ a pleasant evening.



 $Source: http://thumbs.anyclip.com/t1BMnKgsc/tmb_2712_480.jpg$

WORKSHEET 16 - EXERCISES 18 & 19

CHAPTER 6

Ex. 18

Read chapter 6. Many things go wrong in this chapter. Match the correct start of each sentence with its end to find six of the problems they have.

Lis le chapitre 6. Beaucoup de choses tournent mal pour la mission Apollo 13 dans ce chapitre. Relie le début de chaque phrase avec la fin qui convient afin de retrouver six de leurs problèmes.

- The lights on the controls
 - Apollo moves •
- Oxygen tanks one and two .
 - Four machines .
- The door on the lunar module
 - Oxygen •

- break.
- doesn't move.
- go crazy!
- escapes from the ship and it looks like smoke.
- break in the command module.
- strangely turning to the left and then to the right.

CHAPTER 7

Ex. 19

Read chapter 7 and circle the correct words in these sentences.

Lis le chapitre 7 et entoure les mots qui conviennent afin de compléter les phrases suivantes.

- 1. Jim turned off the machines in the command module / in the lunar module / at Mission Control.
- 2. "In two hours there will be no more space / oxygen / power inside *Apollo*," said Jim.
- 3. They were a very long way from the sun / the Moon / home.
- 4. Suddenly Jim had an idea : the lunar module had <u>space and oxygen / power and water / power and oxygen</u>.
- 5. Mission Control told the astronauts to leave the command module in <u>fifteen minutes / three hours / a day or two</u>.
- 6. "It's going to take about <u>fifteen minutes / three hours / a day or two</u> to start the computer in the lunar module," said Fred.
- 7. Down on Earth, the Mission Control room was very dark / busy / scared.
- 8. "OK, controllers," Gene Kranz said. "We don't want these astronauts to come home / go to the Moon / die."

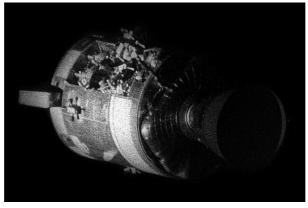
WORKSHEET 17 – EXERCISE 20

CHAPTER 8

Read chapter 8 and say if these sentences are right $(\ensuremath{\square})$ or wrong $(\ensuremath{\square})$. Then correct the sentences that are wrong. Be careful: there can be more than one mistake per sentence.

Lis le chapitre 8 et indique si les phrases suivantes sont justes (\square) ou fausses (\square), puis corrige les erreurs. Attention : il peut y avoir plusieurs erreurs par phrase.

a.	Fred and Jim were in the lunar module now and Jack was in the command module. □
b.	Jim had to read the red pages quickly. □
C.	Mission Control asked Jack to turn off controls 11 and 30. □
d.	Jack turned off the power in the command module. □
e.	Apollo had no power, so the ship turned around and around in space. □
f.	"The controls are going to get very hot," said Jack. □
g.	Jack took one last look and then he went into space. □



 $Source: http://en.wikipedia.org/wiki/File:Apollo13_-_SM_after_separation.jpg$

WORKSHEET 17' - EXERCISE 20'

CHAPTER 8

Read chapter 8 and say if these sentences are right (\boxdot) or wrong (\boxtimes) by checking the words in bold. Then correct the sentences that are wrong.

Lis le chapitre 8 et indique si les phrases suivantes sont justes (\boxtimes) ou fausses (\boxtimes) en vérifiant les mots en gras. Corrige ensuite les erreurs.

a.	Fred and Jim were in the lunar module now and Jack was in the command module . \square
b.	Jim had to read the red pages quickly. □
C.	Mission Control asked Jack to turn off controls 11 and 30. □
d.	Jack turned off the power in the command module. □
e.	<i>Apollo</i> had no power, so the ship turned around and around in space. □
f.	"The controls are going to get very hot ," said Jack. □
g.	Jack took one last look and then he went into space . □



 $Source: http://en.wikipedia.org/wiki/File:Apollo13_-_SM_after_separation.jpg$

WORKSHEET 18 - EXERCISES 21 & 22

CHAPTER 9

Ex. 21

Read chapter 9 and explain (in French) what is wrong with the different plans to bring the astronauts home. What is the only solution possible?

Lis le chapitre 9 et explique en français en quoi ces propositions pour ramener les astronautes sur Terre sont problématiques. Quelle est la seule solution possible ?

1.	Utiliser le moteur du module de commande pour ramener les astronautes sur Terre.
2.	Utiliser la gravité de la Lune, pour ne pas utiliser le moteur du module de commande.
3.	Faire le tour de la Lune et redémarrer les moteurs du module lunaire.

Ex. 22

Watch the film and match the three columns.

Regarde le film et relie les trois colonnes.

3 · · · minutes · · · to power up the LEM by the checklist.

15 · · minutes · · remaining.

12 · · minutes · · fewer viewers watched the *Apollo 13* space shot.

8 · · · · of oxygen left in the command module *Odyssey*.

3 · · · million · · · to power up.

WORKSHEET 19 - EXERCISE 23

CHAPTER 10

Read chapter 10 and link the following sentences.

Lis le chapitre 10 et associe les phrases suivantes comme il convient.

- 1. Mission Control told the astronauts: "You'll be...
- 2. The astronaut who was behind the Moon before is...
- 3. The Earth outside the window was...
- 4. They saw gray mountains below them on the Moon and Fred said: "We...
- 5. Suddenly the radio made a noise and...
- 6. Jack took a picture of the Earth and said...
- 7. Jack will get water from *Odyssey* and...
 - a. ...they were around the Moon.
 - b. ...Jim Lovell.
 - c. ...it was smiling at him.
 - d. ...bring it into Aquarius.
 - e. ...planned to go to that place by the mountains."
 - f. ...behind the moon for twenty-eight minutes."
 - g. ...small and blue.

1.	2.	3.	4.	5.	6.	7.

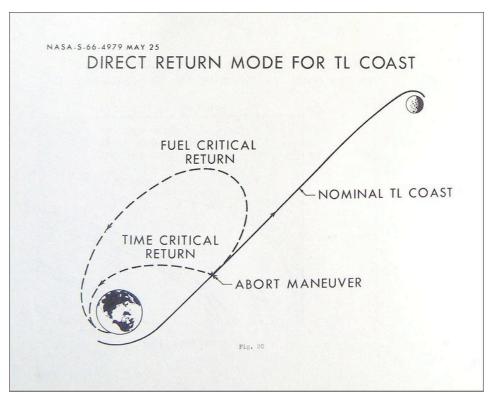
WORKSHEET 20 - EXERCISE 24

CHAPTER 11

Read chapter 11 and complete this summary.

Lis le chapitre 11 et complète le résumé suivant.

The big problem for Apollo	is Without power the astronauts can't
the spaceship	or to Earth at the end of the trip. They have to
almost all of th	eir machines to save power. If they don't, the lunar module will
have no power in	hours. The astronauts must use the to turn
away from the	. Then they must turn off the power in the
module until they get close to	. There, they have to turn the
on again in the	module. The controllers must work on all the
in the simulator	



 $Source: http://en.wikipedia.org/wiki/File: Direct_Abort_Trajectory_-_Lunar_Landing_Symposium,_MSC_Jun66.jpg$

WORKSHEET 20' - EXERCISE 24'

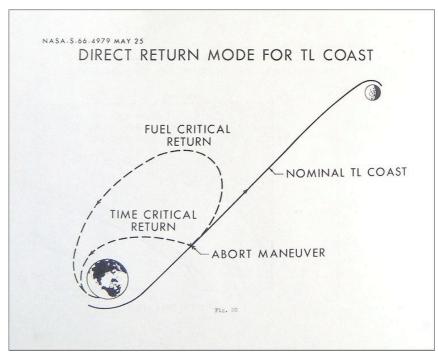
CHAPTER 11

Read chapter 11 and complete this summary with the words below. Be careful: there is an extra word.

Lis le chapitre 11 et complète le résumé suivant avec les mots ci-dessous. Attention : il y a un mot en trop.

command – control – Earth – engines – get back – lunar – machines Moon – oxygen – power – problems – sixteen – turn off

The big problem for Apollo is	Without power the astronauts	can't
the spaceship or _	to Earth at the end of the trip. They ha	ve to
almost all of their i	machines to save power. If they don't, the lunar modul	e will
have no power in	. hours. The astronauts must use the	to
turn away from the	. Then they must turn off the power in the	
module until they get close to	. There, they have to turn the	
on again in the mo	odule. The controllers must work on all the	
in the simulator.		



 $Source: http://en.wikipedia.org/wiki/File: Direct_Abort_Trajectory_-_Lunar_Landing_Symposium, _MSC_Jun66.jpg$

WORKSHEET 21 – EXERCISE 25

Watch the film and choose the correct answers.

Regarde le film et choisis les réponses qui conviennent.

- 1. What are the odds of survival that they give to the president?
 - a. Three to one against.
 - b. Five to two against.
 - c. Five to one against.
- 2. What four places do they see when they look at the Moon?
 - a. Mare Tranquillitatis.

or

e. Mare Spumans.

b. Mount Hadley.

or

f. Mount Marilyn.

c. Fra Mauro.

or

g. Mare Nubium.

d. Mount Herodotus.

or

- h. Mare Imbrium.
- 3. What two things are they going to see when they go behind the Moon?
 - a. The Earth.
 - b. Brilliant stars.
 - c. The lunar sunrise.
 - d. The sun.
- 4. What is the main problem now? They haven't got enough...
 - a. electricity.
 - b. oxygen.
 - c. water.
- 5. Where does Jim say he wants to go?
 - a. Home.
 - b. To the Moon.
 - c. To bed.
- 6. What must Jack get from the Odyssey?
 - a. Food.
 - b. Water.
 - c. Paper.
- 7. How many hours of power does Mission Control originally think it can find for the astronauts?
 - a. Thirty-four.
 - b. Forty-five.
 - c. Sixty.

- 8. How many amps must they get the consumption down to?
 - a. Ten.
 - b. Eleven.
 - c. Twelve.
- 9. When must they power down the LEM?
 - a. Immediately.
 - b. When they finish the burn.
 - c. In twenty minutes.



 $Source: http://www.nasa.gov/centers/langley/images/content/528691 main_Super_Moon.jpg$

WORKSHEET 22 - EXERCISE 26

CHAPTER 12

Read chapter 12 and finish these sentences.

Lis le chapitre 12 et termine les phrases suivantes.

- a. People all over the world...
- b. They all wanted the astronauts to come home and Ken Mattingly...
- c. The doctors were wrong about Ken because he didn't...
- d. John Arthur wanted Ken...
- e. Ken told the men that the command module was cold, so...
- f. The astronauts in space started to turn off...



Source : http://robynjoffe.com/histbyholly/Ken_in_simulator.html

WORKSHEET 23 – EXERCISE 27

Read the following dialogue between Marilyn and Henry out loud with your partner. Lis le dialogue ci-dessous entre Marilyn et Henry à haute voix avec un-e camarade.

Henry: Good morning.

Marilyn: Henry. Don't you ever sleep?

Henry: I have a request from the news people.

Marilyn: Uh-huh.

Henry: They want to put a transmitter up on the lawn.

Marilyn: Transmitter?

Henry: It's kind of a tower for a live broadcast.

Marilyn: They didn't care about this mission. They didn't even run Jim's show.

Henry: Well... it's more dramatic now. Suddenly people are--

Marilyn: Landing on the Moon wasn't dramatic enough for them. Why should not landing be?

Henry: Look, I, um, realize how hard this is, Marilyn, but the whole world is caught up in it.

It's the biggest story since--

Marilyn: No, Henry. Those people don't put one piece of equipment on my lawn. If they have

a problem with that, they can take it up with my husband. He'll be home on Friday.



Source: http://thumbs.anyclip.com/t1BMnKgsc/tmb_4861_480.jpg

WORKSHEFT 24 – FXFRCISES 28	ረ ዴ	29
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CHAPTER 13

Ex. 28 Read chapter 13, then write down who says these sentences. Lis le chapitre 13 et note qui dit les phrases suivantes. a. "Look at the numbers, we're going to fly past the Earth." b. "The Mission Control men are working on the numbers too, they're smart men." c. "They're not going to tell us about their mistakes." d. "Did you read the controls before you changed them?" e. "How do you know?" "It's OK, Jack. You didn't make a mistake. I know that." g. "Listen, I only changed the oxygen controls..." **CHAPTER 14** Ex. 29 Read chapter 14 and number these events in the correct order. Lis le chapitre 14 et numérote les événements suivants dans l'ordre qui convient. a. John says that the astronauts will not have the power for the engines and parachutes. b. Jim must fly *Aquarius* without the computer. c. Ken says there has to be an answer. d. The doctor tells the astronauts to try to sleep. e. Jim turns the ship, pushes a red button and turns off the engines. The astronauts must turn *Apollo* and start the engines. ____ g. Jim hears that *Aquarius* is not coming back to Earth.

Apollo 13 – Worksheets 36

h. When the engines turn on, *Apollo* starts moving strangely.

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CHAPTER 15

Read chapter 15. Then complete the comprehension questions with the correct question word (you can use them more than once). Finally, answer the questions.

Lis le chapitre 15. Complète ensuite les questions de compréhension avec le mot interrogatif qui convient (tu peux les utiliser plus d'une fois). Réponds ensuite aux questions suivantes.

	How – What – Where – Who – Why	
a.	is wrong with Fred ?	
b.	Ken Mattingly hasn't got the measles does this help <i>Apollo 1</i>	
C.	does Ken speak to at Mission Control ?	
d.	does Mission Control find more power for the command mode	
e.	must Jack find in the command module ?	
f.	is the problem with the controls in the command module?	
g.	is the command module too light?	

WORKSHEET 25' - EXERCISE 30'

CHAPTER 15

Read chapter 15 and circle the correct answers to these questions.

Lis le chapitre 15 et entoure les réponses qui conviennent aux questions suivantes.

- 1. What is wrong with Fred?
 - a. He is very tired.
 - b. He is sad.
 - c. He is getting weaker.
- 2. Does Jack think Mission Control has a plan?
 - a. Yes, he does.
 - b. No. he doesn't.
 - c. We don't know.
- 3. Ken Mattingly hasn't got the measles. How does this help Apollo 13?
 - a. Because he can speak to the astronauts' families.
 - b. Because he can work on the problem in the simulator.
 - c. Because he can pilot the space ship from Earth.
- 4. Who does Ken speak to at Mission Control?
 - a. John Arthur.
 - b. Gene Kranz.
 - c. A controller.
- 5. Where does Mission Control find more power for the command module?
 - a. In the lunar module.
 - b. In the command module.
 - c. In the simulator.
- 6. What must Jack find in the command module?
 - a. Power.
 - b. Oxygen.
 - c. Paper.
- 7. What is the problem with the controls in the command module?
 - a. They are broken.
 - b. They are wet.
 - c. They are too cold.
- 8. Why is the command module too light?
 - a. Because the astronauts are too thin.
 - b. Because they haven't got any books.
 - c. Because they haven't got any moon rocks.

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Your teacher is going to dictate a summary of the passage you have just watched. Write it down on your worksheet.

Ton enseignant-e va te dicter un résumé du passage que tu viens de voir. Note-le sur ta fiche.



Source: http://nd01.jxs.cz/505/352/ba40fff28a_8071549_o2.jpg

WORKSHEET 27 – EXERCISE 32

CHAPTER 16

Read chapter 16 and fill in the table.

Lis le chapitre 16 et complète le tableau.

Setting	Time Indicators	Characters
-	-	-
-		-



Source: http://fogsmoviereviews.files.wordpress.com/2012/08/shot0013.png

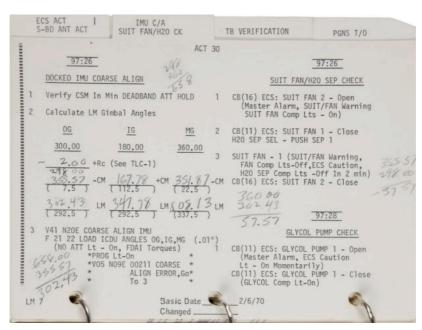
WORKSHEET 28 - EXERCISE 33

Match the questions with the answers, then watch the film and check your answers.

Associe les questions suivantes aux réponses qui conviennent. Regarde ensuite le film et vérifie tes réponses.

- a. "How's it going, Fred ?"
- b. "What the hell was that ?"
- c. "Houston, can you confirm a burst helium disk?"
- d. "Houston, is that going to affect our entry angle at all?"
- e. "Houston, we sure could use the reentry procedure up here. When can we expect that ?"
- f. "Hello there, Deke. What's the story?"

 "Uh, negative. Your entry angle is holding at 6.24, Aquarius."
 "Let's hope it was just the burst disk."
 "Jim, we're gonna get that power-up procedure to you. We're gonna get it as soon as we possibly can."
 "I'm okay."
 "We confirm that, Jim."
"That's coming real soon. Aquarius "



Source: http://www.dailymail.co.uk/news/article-2065039/Historic-hand-written-notes-saved-stricken-Apollo-13-crew-certain-death-sale.html

W	IO	RI	KSH	IFFT	29	– E)	(F	RC	ISF	3⊿
•			NOL		ZJ	/	\sim	\sim	JUL	JH

Read these comprehension questions, then watch the film and finish the answers in English.

Lis les questions de compréhension ci-dessous et complète ensuite les réponses en anglais en regardant le film.

a.	Who is Marilyn waiting with ?
	Her children, her neighbours and <i>Apollo 11</i> astronauts
b.	Where is her eldest son, Jay?
	At the St. John's Military Academy in
C.	What meteorological warning does RETRO announce for the recovery area ?
	A
d.	How hot does it get on a lunar reentry flight?
	The temperature approaches
e.	What are thousands of people doing in New York City ?
	They are watching updates of the mission in
_	
i.	How many people did Pope Paul lead in prayer for the safe return of the astronauts?
	He led
g.	Where are people praying for the astronauts in Jerusalem ?
	At the Wailing

WORKSHEET 29' - EXERCISE 34'

Read these comprehension questions, then watch the film and choose the correct answers.

Lis les questions de compréhension ci-dessous et choisis ensuite les réponses qui conviennent en regardant le film.

1. Who is Marilyn waiting with?

Her children, her neighbours and Apollo 11 astronauts...

- a. Louis Armstrong and Buzz Alvin.
- b. Neil Armstrong and Buzz Aldrin.
- c. Lance Armstrong and Buck Aldrin.
- 2. Where is her eldest son, Jay?

At the St. John's Military Academy in...

- a. Wisconsin.
- b. Massachusetts.
- c. Colorado.
- 3. What meteorological warning does RETRO announce for the recovery area?

Α...

- a. hurricane.
- b. tsunami.
- c. typhoon.
- 4. How hot does it get on a lunar reentry flight?

The temperature approaches...

- a. 2000° Fahrenheit.
- b. 4000° Fahrenheit.
- c. 6000° Fahrenheit.
- 5. What are thousands of people doing in New York City?

They are watching updates of the mission in...

- a. Times Square.
- b. Madison Square Garden.
- c. Union Square.
- 6. How many people did Pope Paul lead in prayer for the safe return of the astronauts?

He led...

- a. 40,000 people.
- b. 50,000 people.
- c. 60,000 people.
- 7. Where are people praying for the astronauts in Jerusalem?

At the Wailing...

- a. Bridge.
- b. River.
- c. Wall.

WORKSHEET 30 – EXERCISE 35

CHAPTER 17

A. Before reading the chapter in the book, read the following text. Then write the correct form of the past (Simple Past) for the verbs below and place them correctly in the text. Finally, check your answers with the passage on pages 34 and 35 and finish reading the chapter.

Lis le texte suivant avant de lire le chapitre dans le livre. Ecris ensuite la forme qui convient du prétérit (Simple Past) des verbes ci-dessous et place-les correctement dans le texte. Pour terminer, vérifie tes réponses à l'aide du passage aux pages 34 et 35 et termine la lecture du chapitre.

to ask – to be (x 5) – can (negative) – to change – to close – to come to do (negative) – to fall – to fly – to have to – to pull – to say (x 3) to speak – to wait – to watch (x 4)

Gravity	the command	d module.	The astrona	iuts	almost
home, but they	see	the Earth b	pelow them.	The nose of t	he command
module	at the back. T	hey	C(ome in that way	y so the nose
of the command mod	ule	get really	/ hot.		
The command modul	e	quickly.			
"You're looking good	, Odyssey,"		Mission Cor	ntrol. "We'll talk	to you again
when your parachute	s open in three mi	nutes."			
The three astronauts	,	the window	. The black	sky	to blue,
red, orange – the col	or of fire. The out	side of the	command m	nodule	very,
very hot.					
The astronauts	their e	yes.			
Everybody at Mission	n Control	a	big television	on. Nothing	
from the radio.					
"Do you know anythir	ng ?"	Ken Ma	attingly.		
"Nothing,"	a controller.				
"Can the people on the	ne <i>Iwo Jima</i> see th	em ?"			
The Iwo Jima, a big	ship,	in th	e Pacific O	cean. The men	on the ship
the s	sky.				
"No,"	_ a controller. "The	y can't see	the comma	nd module."	
Around the world, ped	ople	their tel	evisions and		·
Small airplanes	from the	ne <i>Iwo Jima</i>	7.		
Keni	into his radio. " <i>Od</i> y	vssey, this is	s Houston. C	<i>dyssey</i> , can you	u hear me ?"
There	no answer.				

		liste avec tous les ve irréguliers (seulement		te une deuxième avec									
	Regular verbs :												
	Irregular verbs :	Irregular verbs :											
C.		B. Then write the Sin		grid with the irregular ast participles and the									
	irréguliers trouvés		Ajoute ensuite les fo	xième avec les verbes ormes du prétérit, les									
		REGULA	AR VERBS :										
	Infinitive	Simple Past	Past Participle	Translation									
		IRREGUL	AR VERBS :										
	Infinitive	Simple Past	Past Participle	Translation									

B. Write a first list with all the regular verbs, then a second one with all the irregular

ones (only the infinitives).

WORKSHEET 30' - EXERCISE 35'

CHAPTER 17

A. Before reading the chapter in the book, read the following text and write the correct form of the past (Simple Past) for the verbs in brackets. Then check your answers with the passage on pages 34 and 35 and finish reading the chapter.

Lis le texte suivant avant de lire le chapitre dans le livre et écris la bonne forme du prétérit (Simple Past) pour les verbes entre parenthèses. Vérifie ensuite tes réponses à l'aide du passage aux pages 34 et 35 et termine la lecture du chapitre.

Gravity	(to pull) the commar	nd module. The astronauts	(to be)
almost home, but th	ney (c	can – negative) see the Earth below	them. The
nose of the commar	nd module	(to be) at the back. They	
(to have to) come in	that way so the nose	of the command module	(to do
- negative) get really	/ hot.		
The command modu	ıle(to	fall) quickly.	
"You're looking good	l, Odyssey,"	(to say) Mission Control. "We'l	l talk to you
again when your par	achutes open in three	minutes."	
The three astrona	auts	(to watch) the window. The	black sky
(to	change) to blue, red,	orange - the color of fire. The out	side of the
command module	(to be)	very, very hot.	
The astronauts	(to close) t	their eyes.	
Everybody at Miss	ion Control	(to watch) a big televisio	n. Nothing
(to	come) from the radio.		
"Do you know anythi	ng ?"	(to ask) Ken Mattingly.	
"Nothing,"	(to say) a contro	oller.	
"Can the people on t	he <i>Iwo Jima</i> see them	?"	
The Iwo Jima, a big	ship,	$_{_}$ (to be) in the Pacific Ocean. The r	men on the
ship	(to watch) the sky.		
"No,"	_ (to say) a controller.	"They can't see the command module	e."
Around the world, pe	eople	(to watch) their televisions and	
(to wait).			
Small airplanes	(to fly) from	m the <i>Iwo Jima</i> .	
Ken	(to speak) into his rac	dio. " <i>Odyssey</i> , this is Houston. <i>Odyss</i>	e <i>y</i> , can you
hear me ?"			
There	(to be) no answer.		

	tous ceux qui sont irrégulie	ec tous les verbes réguliers, rs (seulement les infinitifs).	ensuite une deuxième avec								
	Regular verbs :										
	Irregular verbs :										
C.		Fill in the first grid with the regular verbs and the second grid with the irregular verbs found in exercise B. Then write the Simple Past forms and the French translations									
		u avec les verbes réguliers et exercice B. Ajoute ensuite l									
		REGULAR VERBS :									
	Infinitive	Simple Past	Translation								
		IRREGULAR VERBS :									
	Infinitive	Simple Past	Translation								

B. Write a first list with all the regular verbs, then a second one with all the irregular

ones (only the infinitives).

WORKSHEET 31 – EXERCISE 36

CHAPTER 18

Read chapter 18. Then correct the nine mistakes in the summary (write your corrections on the text).

Lis le chapitre 18 et corrige les neuf erreurs dans le résumé en écrivant les corrections sur le texte.

Jim Lovell's family and the other astronauts' families were in front of the radio. When the speaker said that the astronauts were back on Earth, Jim's mother put her head in her hands and cried.

Inside the command module, the three astronauts looked out of the window. *Odyssey* moved on the ocean and the blue parachutes were in the water now too. When the astronauts heard the sound of an airplane, they waved their hands. They were disappointed and Fred was very sick.

Then the men from the *Iwo Jima* opened the door of the lunar module. Five minutes later, the three men were in the helicopter and they flew to the *Iwo Jima*. The door opened and the three astronauts jumped out.



Source: http://www.dailymail.co.uk/news/article-2065039/Historic-hand-written-notes-saved-stricken-Apollo-13-crew-certain-death-sale.html

WORKSHEET 31' - EXERCISE 36'

CHAPTER 18

Read chapter 18 and circle the correct words in the summary.

Lis le chapitre 18 et entoure les mots qui conviennent dans le résumé.

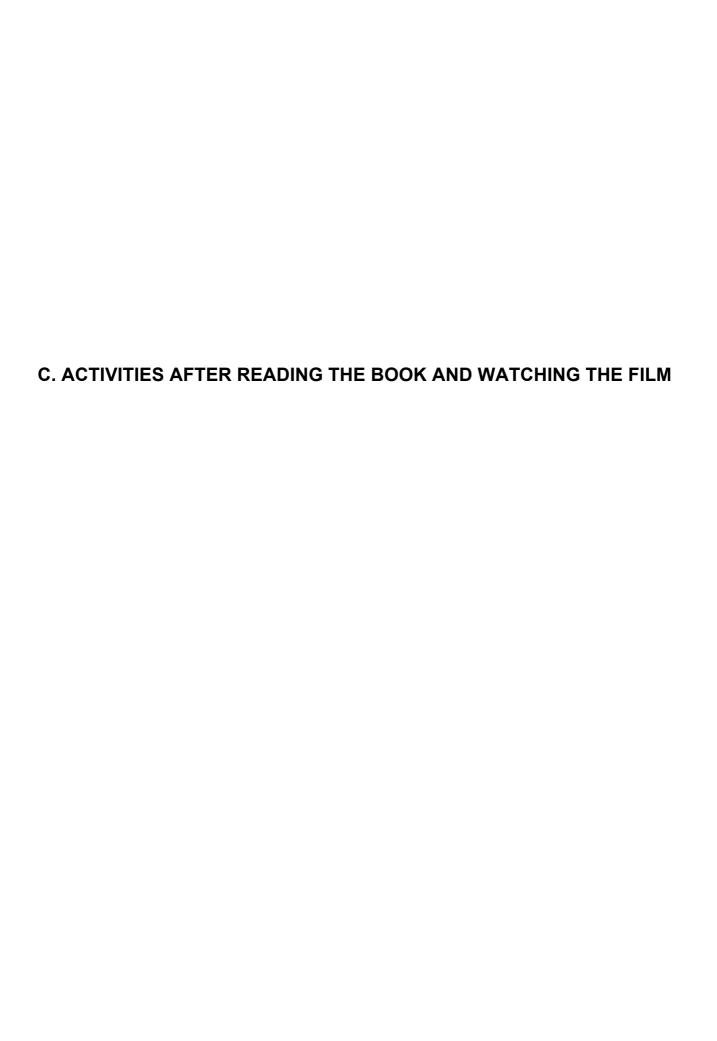
Jim Lovell's family and the other astronauts' families were in front of the **radio / television**. When the speaker said that the astronauts were back on Earth, Jim's **wife / mother** put her head in her hands and cried.

Inside the command module, the three astronauts **smiled** / **looked out of the window**. *Odyssey* moved on the ocean and the **blue** / **orange** parachutes were in the water now too. When the astronauts heard the sound of an airplane, they smiled and **waved their hands** / **closed their eyes**. They were **tired** / **disappointed** and Fred was very sick.

Then the men from the *Iwo Jima* opened the door of the **Iunar / command** module. Five minutes later, the three men were in the **helicopter / airplane** and they flew to the *Iwo Jima*. The door opened and the three astronauts **walked / jumped** out.



Source: http://www.dailymail.co.uk/news/article-2065039/Historic-hand-written-notes-saved-stricken-Apollo-13-crew-certain-death-sale.html



WORKSHEET 32 - EXERCISE I

Put the titles under the correct image. Then check your answers with your book.

Place les titres sous l'image qui convient. Vérifie ensuite tes réponses avec le livre.





















Source : Anastasio, Dina. Apollo 13. Retold by Brent Furnas. Harlow: Penguin Readers, Pearson Education Limited, 2008.

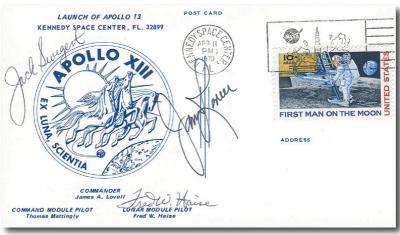
- 1. "Did you read the controls before you changed them?" asked Fred.
- 2. The command module was high on top of the 110-meter-high Saturn 5 rocket.
- 3. The door opened and the three astronauts walked out.
- 4. "The Moon is down there," Jim thought. "But we can't see it."
- 5. Neil Armstrong was the first man on the Moon.
- 6. Jack pushed a control with the letters CSM-SEP on it.
- 7. Below the command module, some rocket engines fell away.
- 8. Jim and Fred threw everything into the command module.
- 9. Inside the command module, the three astronauts waited.
- 10. After long hard hours in the simulator, they were ready.

In pairs, choose one chapter from the book and write five comprehension questions in English for your classmates. Prepare the answers on the back of your worksheet.					
Par deux, choisissez un chapitre du livre et écrivez cinq questions de compréhension en anglais pour vos camarades. Préparez les réponses au dos de la fiche.					
Names :					
CHAPTER CHOSEN : CHAPTER					
Questions :					
1					
2					
3					
4.					
5					
Answers:					

WORKSHEET 33 – EXERCISE II

Correction:

1.	
2.	
3.	
4.	
_	



Source : http://moonpans.com/signed/covers/apollo_covers.htm

WORK	(SHEET	34 - F	XFRC:	ISF III

You are a reporter for an American newspaper and you must interview one of the astronauts after their landing. Imagine your conversation: you must write a minimum of six questions and answers. Don't forget to say "hello" and "goodbye"!

Tu es un reporter pour un journal américain et tu dois interviewer l'un des astronautes après leur retour. Imagine votre conversation : tu dois écrire un minimum de six questions et réponses. N'oublie pas les salutations au début et à la fin !

You :			
:			
You :			
	 -		
You :			
:			
You :	 		
:	 		
You :			
:	 		
You :			
:			
You :			
·			
You :			