

Feasibility Study



Unit Objectives

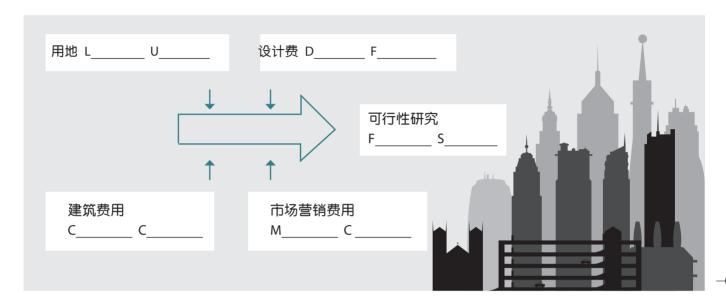
After studying this unit, you are able to:

- understand a feasibility study
- understand the procedures of making a feasibility study
- receive a client and talk about costs

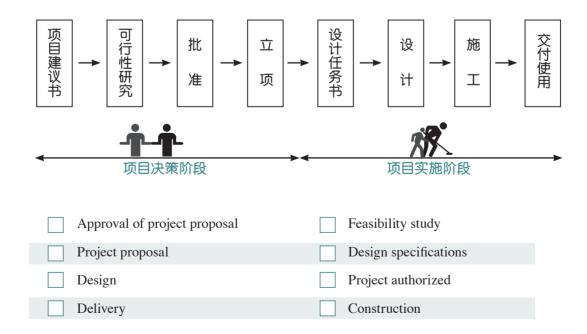


Warming-up

Task 1 The following is a flow chart of the feasibility study of a construction project. Fill in the missing words according to the Chinese meanings. The first letters are already given.



Task 2 Look at the figure and then put the following items in order.



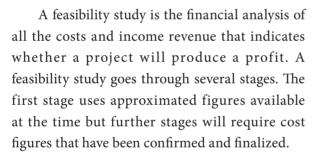




Task 1 Before reading the passage, see how much you know about a feasibility study of a construction project by answering the following questions.

- 1. Why do the builders need to make a feasibility study?
- 2. Can you name three costs of a construction project?

The Costs in a Feasibility Study



When preparing a feasibility study for a new construction project, the first point is likely to be the cost and availability of the land on which you propose to build. The tender, that is, the offer you make for the land, will also have a number of associated costs for items such as legal charges, stamp duty and utility charges, including transportation costs. There may be many other costs that will have to be considered.

A further estimate will be required of the fees and associated costs for the building design. Bids from a number of architects will have been collected and the most cost-effective design selected. All these estimated costs must be added



to the first stage of the feasibility report.

The next major aspect to consider will be the construction costs. For example, if your project comprises ten town homes, you need to calculate how much it will cost for building materials, wages and insurance. Contractors will be asked for estimates and the most reliable and cost-effective design selected, but it is wise, at this stage, to include an extra percentage, say 10%, for non-specified costs.

This type of feasibility study will also include the likely estimated marketing costs, such as advertising, printing of brochures and sales commissions.

Finally, depending on what percentage of the total cost will have to be borrowed, the cost of borrowing must be included. In other words, the total amount of interest on the loans will have to be paid, over the period until the buildings are sold.



Task 2 Read the passage and decide which paragraph talks about each of the topics in the box below.

Paragraph	Including marketing costs
Paragraph	Estimating design costs
Paragraph	Defining a feasibility study
Paragraph	Considering the construction costs
Paragraph	Buying the land firstly
Paragraph	Raising the capital

Task 3 Read the passage again and tick the costs mentioned.



Task 4 Answer the following questions according to the passage.

1.	l. According to the passage, what is a feasibility study?					
2.	What is likely to be the first concern for preparing a new feasibility study?					
3.	Can you name some of the construction costs?					
4.	Can you name some of the marketing costs?					
5.	How to decide how much money will have to be borrowed?					

土建u1.indd 4



Listening

Peter Jefferson is making a call to the AZ Landscape Architecture Company in order to make an appointment. Listen to the conversation and match the people with the relevant information.





Michelle

Peter Jefferson



- Secretary of the AZ Landscape Architecture Company
- In a meeting
- Make an appointment to talk about a feasibility study
- Principal of the Senger Design Group

Cindy, a Manager of Senger Design Group, is holding a meeting. Listen to the conversation and fill in the blanks with what you hear.

Cindy: Good morning, everybody, thanks for coming. There are just a(n) 1

		of items on the ag	genda. First of all, as you can se	ee, the feasibility 2
		and our collabor	ration with AZ Landscape Ar	chitecture; and secondly, the
		3 fo	r our research project. I know	Alex would also appreciate a
		little bit of time f	or any other 4	
	Alex:	Thank you, Cindy	y. Let's 5 the agen	da in order though. You are all
		6 wi	th the details in the feasibility stu	dy of our 7 project
			be Architecture, are we all 8	
		offering for the land	d?	
ask 3	to each	n question.	n. Listen to the conversation	and choose the best answer
		t does Jane want to t		
	A. A	feasibility plan.	B. Technical issues.	C. Budget control.
	2. Wha	t will Jane do in the	afternoon?	
	A. S	he will meet a guest.	B. She will meet a Marketing Dire	ector. C. She will arrange a meeting.
	3. Why	does Jane want to b	ring Mr. Li?	
	A. H	le is a close friend.	B. He is a common colleague.	C. His job is closely related.
	4. Whe	ere will they meet?		
	A. Ir	n a canteen.	B. In a VIP conference room.	C. In a VIP room in the café.



locate

review

Task 4 Mr. Smith and Ms. Chen are talking about the site for a project. Listen to the conversation and fill in the blanks with words given in the box according to what you hear.

reply

soon

regulation

	ap	prove	area	nature	south	layout		
		Accord	ling to our	xplain your pla construction p two access roa	lans, our fir	est camp will	be 1 _	Chen? at
Mr	Smith:	What s	ize will this	camp be?				
Ms	s. Chen:	of land		to the Beijing		-		eters. This piece
Mr	Smith:	When o	do you think	we can get th	e permission	n?		
Ms	s. Chen:	we kno	w the local o through the	government is	in full supp procedure.	oort of this profile area is ne	oject, it	meeting. Though will take time for
Mr	Smith:			we will be stri	-	d by the 6 _		Anyway,
Ms	. Chen:			pproval, it will of the site		ansportation l	pecause	the river is just to
Mr	Smith:		you copy us		site 8	,]	please, t	ogether with your
Ms	. Chen:	Sure. V	When would	you like it?				
Mr	Smith:	The 9		, the bette	er!			
Ms	. Chen:		l do my bes		a(n) 10		_ within	a week, whether
M	Ir. Smit	h: Tha	at's what the	contract says!	Thank you.			

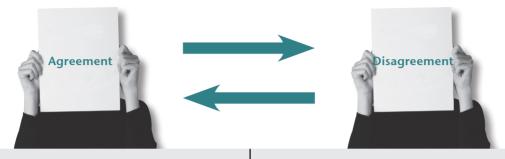


土建u1.indd 6



Speaking

Task 1 Work by yourself. Read the following expressions for agreement and disagreement and learn them by heart.



Yes, I agree.

I do agree with you.

You're right there.

I'm with you on that.

I'm of the same opinion.

I can't agree more.

No, I don't agree.

I don't think so.

Well, I'm not sure about that.

I'm afraid you're wrong.

I can't share the same opinion.

I doubt whether...

Task 2 Work in pairs. Practice making conversations with the words provided according to the example below.



Example: Mr. Wang / Mr. Johns / bid for a construction project

- A: Hello, Mr. Wang. Very pleased to meet you in person.
- **B:** Very pleased to meet you, too, Mr. Johns.
- **A:** Take a seat, please.
- **B:** Let's get down to business, Mr. Wang. You asked me on the phone whether we would like to bid for a construction project. Could you put it in more detail, please?
- A: As you know, this project is an office building which can accommodate 500 staff.
- **B:** Do you have any specific requirements?
- **A:** Yes. These documents contain all the specific requirements. And I would like to hear your recommendation, too.
- 1. Mr. Liu / Alice Willis / bargain the price for land
 - 2. Adam James / Christ Finn / discuss an initial design



Task 3 Work in pairs. Practice making an interview with an architect with the following information.



Questions

When did you get interested in the field of architecture?

What were the biggest inspirations for your career?

What skills are required to be an architect?

What projects rank among your favorites?

What are your professional goals for the future?



Sample Answers

I began to get interested in buildings when I was a young boy, and that interest grew as I grew up.

My teachers in college were the biggest inspirations for me. They showed me new ways to approach the design of buildings.

We need to know how to think graphically, not just draw. We need to be able to visualize before we even sketch it, and understand how things are related to one another.

There is no question that the National Stadium is one of my favorite projects.

One goal is to improve my ability as an architect. A second goal is to catch up with the latest design trends.

Task 4 Work in groups. Discuss with your group members about which of the following points should be included in a feasibility report and tell why.



- Initial design, scope and materials
- Preliminary cost estimate
- Funding and financing
- Site selection
- Project background
- Market analysis
- Supply of equipment and materials
- Conclusion

主建ul.indd 8 2010.1.6 3:39:27 PM



Procedures for Making a Feasibility Study

There are no specific rules for carrying out feasibility studies for all types of projects. However, most studies require the following:

Pre-feasibility Study

This is the first step which is mainly to identify and specify the investment idea. It may involve legal, marketing, technical issues as well as the financial, economic and social implications that lead to the approval or refusal of the idea.

Detailed Feasibility Study

As the name suggests, this step includes more detailed studies of the investment idea from the various aspects mentioned above.

- The legal study. This requires research into all legal aspects of the proposed project. It is necessary to ensure that the project complies with all government regulations and any welfare or institutional requirements. There may be existing constraints on land development, applications may be necessary for particular types of development and there will be many regulations that will require compliance.
- The marketing study. This includes the feasibility of the project found from supply and demand analysis and an indication of likely market share or possible competition.

- The technical studies. These include the engineering and construction aspects that define the project capacity, type, design, construction process and method, employment issues, site location, and planning schedules.
- The financial and economic studies.
 These cover all the investment planning and costs. They include the fixed costs (land, building, equipment, etc.), financial schedules, resources and budgets as well as projected revenues or benefits.
- The social study. Any social costs or benefits should be identified and measured. These may include the impact on existing land use, employment opportunities, end use benefits and possible problems.

Project Appraisal

Here, the expected economic and social revenues of the project are evaluated and analyzed. The most common assessments are likely to include the payback period, net present value, and internal rate of return.

A feasibility study is the basis for decision-making and should be carefully implemented step by step. After a project proves "feasible", the



土建ul.indd 9



Task 1 Match the following terms with their Chinese meanings.

1. investment	• {	○ A. 市场份额
2. approval	•)	○ B. 投资
3. refusal		· C. 投资回收期
4. supply		D. 净现值
5. demand	•)	E. 需求
6. market share		6 F. 批准
7. fixed cost		G. 拒绝
8. payback period	• 5	H. 内部收益率
9. net present value	• {	O I. 供应
10. internal rate of return	• {	J. 固定费用

Task 2 Rea ue (T) or fo

00	· · · · · · · · · · · · · · · · · · ·					
	1. All the feasibility study always follow the same rules and procedures.					
	2. Pre-feasibility study mainly examines the investment idea.					
	3. The financial study concerns the analysis of supply and demand.					
	4. The economic revenues are evaluated at the pre-feasibility study phase.					
	5. Feasibility study is a reference for the decision-makers.					

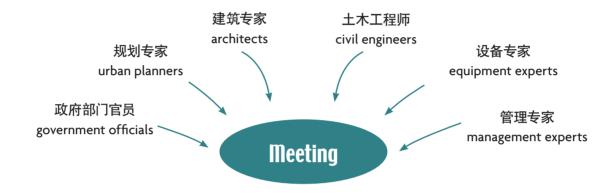
Task 3 Translate the following passage into Chinese.

	The expected economic and social revenues of the project are evaluated and analyzed. The most common assessments are likely to include the payback period, net present value, and internal rate of return.
5	



Writing

Task Your company decides to invite all the specialists listed in the following chart to meet for a construction project. Your job is to write an invitation letter. Some parts have been done for you.



Invitation

Dear Sir/Madam,

Jones at (010)78236666.

The Werkhart In	ternational is most pleased to 1		
you to participa	te in the 2	to be hel	d on
January 24, 2009	9 in Tengda Building. The	e meeting ain	ns to
discuss a(n) 3	project. Go	overnment offi	cials,
4	_, architects, civil engineers, 5		_ and
6	_will attend the meeting.		
If you have an	w questions or concerns nl.	ease contact k	Cathy

土建ul.indd 11





Project Guidelines

This project aims to go through the process of a meeting of an eight-member group, from preparing work to memo writing. The whole task is divided into four steps. Step One focuses on the preparation period. Step Two deals with note-taking, and Step Three is to draft the outline of a memo. Step Four makes a presentation about the whole process of a group meeting.



Please follow the *Task Description* to complete the project.

Task Description



Step One

- Organize a small group with 8 students in your class;
- Discuss and summarize what preparations you have to make for a meeting of eight people, such as booking a meeting room, preparing computers, pens, tea, etc.



Step Two

- Discuss with group members about how to take notes at a meeting;
- Make research online or refer to relevant books for more information;
- Summarize easy-to-use note-taking methods.



Step Three

- Discuss with group members about what should be included in a meeting memo;
- Make research online to find more information:
- Draft the outline of the content that should be included in a memo.



Step Four

- Summarize what you have learned from the previous three steps;
- Make a presentation about the whole process of a meeting in the class.



Self-evaluation

Rate your progress in this unit.	D	M	Р	F*	
I have a basic idea about a feasibility study.					
I know the major costs of a construction project.					
I know the precedures of making a feasibility study.					
I know the major aspects of a feasibility study.					
I can write an invitation letter.					

*Note: Distinction, Merit, Pass, Fail



New Words and Expressions

Reading A

New Words

associated /əˈsəʊʃɪˌeɪtɪd/ adj. 相关的 calculate /ˈkælkjʊleɪt/ v. 计算 commission /kəˈmɪʃən/ n. 佣金;回扣 comprise /kəmˈpraɪz/ v. 包含;由……组成 confirm /kənˈfɜːm/ v. 证实,确实 cost-effective /ˈkɒstɪˈfektɪv/ adj. 合算的,划算的 finalize /ˈfaɪnəlaɪz/ v. 完成;最后定下 financial /farˈnænʃəl/ adj. 财政的,金融的 insurance /ɪnˈʃʊərəns/ n. 保险 item /ˈaɪtəm/ n. 条款;项目

propose /prəʊ'pəʊz/ v. 提议,建议 revenue /'revənju:/ n. 收入;收益 utility /juː'tɪlətɪ/ n. 公共事业;功用,效用

Phrases & Expressions

go through 经历 in other words 换句话说

Technical Term

stamp duty 印花税

Reading B

New Words

analyze /'ænəlaɪz/ v. 分析
approval /ə'pruːvəl/ n. 批准; 赞同
assessment /ə'sesmənt/ n. 估价; 估计
demand /dɪ'mɑːnd/ n. 需求
evaluate /ɪ'væljueɪt/ v. 评价; 估价
investment /ɪn'vestmənt/ n. 投资
legal /'liːgəl/ adj. 法律的
refusal /rɪ'fjuːzəl/ n. 拒绝
resource /rɪ'sɔːs/ n. 资源
specific /spɪ'sɪfɪk/ adj. 具体的; 明确的

supply /səˈplaɪ/ n. 供应

Phrases & Expressions

lead to 通向,导致 step by step 一步一步,循序渐进

Technical Terms

internal rate of return 内部收益率 net present value 净现值 payback period 投资回收期



Nocabulary and Structure

Task 1 Fill in the blanks with words or phrases that match the meanings in the right column. The first letters are already given.

1. f	S		可行性研究
2. b	_ s	_ S	房屋选址
3. b	_1		建筑用地
4. f	_ c		固定成本
5. s	_ and d		供求
6. p	_ p	_	投资回收期
7. n	_ p	_ v	净现值
8. g	_ i		总收入

Task 2 Fill in each blank with the appropriate form of the word given in the brackets.

	This company (utility)efficiency in production.	the latest computer technology to	increase
2.	We hope very much to find a(n) (sa	atisfaction) solution to the prob	lem.
	Our committee will evaluate the p or not to proceed within the next for	proposal and make a(n) (decide) Few days.	_ whether
	The engineer was (engage)occurred.	in inspecting the bridge when the	accident
	A(n) (detail) viable before you invest any mone	business plan will help you to determine if this v y in it.	enture is
	Some natural (resource)replaced.	, such as natural gas and fossil fuel, c	annot be
	Income tax was first (introduce) War.	in the US during the America	can Civil
	A similar (arrange) meeting.	was therefore necessarily made before was	we had a



Task 3 Complete the following statements with the phrases given in the box. Change the form if necessary.

			supply and demand lead to	
1.	Smoking has a close	lung cance	er.	
2.	The government is taking meas resources in this area.	ures to keep baland	ce between the	of the water
3.	They can't really imagine wha	t we are	·	
4.	The bad weather	our difficulties	s, so it was hard for us to	arrive on time.
5.	Hiking is a good exercise	a fun		
6.	There is no doubt that stress ca	an	_ physical illness.	
7.	Given determination and perse	everance, it can be	realized	
8.	, we hold all o	lisputes can be set	tled by negotiation.	
br	canslate the following Chackets. The manager was very concern			-
	(revenu			
2.	After the heated discussion, th (propose)	ey (提出一种新方	法)	
3.	The scientists (计算出了地球与	可月球的距离)		(calculate)
4.	The project has only been und			作出评价)
5.	The first serious challenge 内)	of this new gove		支控制在预算范围

Task 4

Grammar

Part of Speech

Task 1 Identify the part of speech of the word underlined in each sentence.

1 We went to a wonderful show in Poiiing

1.	we went to a wonderful show in beijing.	<u>n.</u>
2.	Jenny wanted to show Jack her photos.	
3.	Henry thought Claire looked beautiful.	
4.	A strange thought came into her head.	
5.	The windows are <u>clean</u> .	
6.	We should <u>clean</u> the windows.	
7.	Wendy is feeling quite $\underline{\text{tired}}$ now.	
8.	Studying all day had <u>tired</u> Wendy out.	
9.	We did some <u>hard</u> work.	
0.	They worked hard.	

- Task 2 Complete the following conversation between a student and a manager by marking the proper article with a " $\sqrt{"}$.
 - A: Hello? I want to speak to 1 a, an, the landlord.
 - **B:** I'm 2 a, an, the manager of 3 a, an, the building. Can I help you?
 - A: I need to find 4 a, an, the apartment.
 - **B:** Where do you live now?
 - A: I live in 5 <u>a, an, the</u> big apartment on Wright Street. I have 6 <u>a, an, the</u> roommate, but he's graduating, and I need 7 <u>a, an, the</u> smaller apartment. Are there any small apartments for rent in your building?
 - **B:** There's one.
 - **A:** What floor is it on?
 - **B:** It's on 8 a, an, the third floor.
 - A: Does it have 9 a, an, the kitchen?
 - **B:** Yes. It has 10 a, an, the living room and a kitchen.
 - **A:** Is 11 a, an, the living room big?
 - B: So-so.
 - A: Does 12 a, an, the kitchen have 13 a, an, the stove and 14 a, an, the refrigerator?
 - **B:** Yes. 15 A, An, The refrigerator is old, but it works well. 16 A, An, The stove is pretty new.
 - A: When can I see 17 a, an, the apartment?
 - **B:** 18 A, An, The janitor (看门人) can show it to you tomorrow at 9 am.



Task 3 Cross out the wrong word in each word pair underlined.

Dear Christine,

Well, here I am in Australia. Thank you for your 1 kind/kindly letters. You ask me what it's like here. I must say it's pretty 2 good/well! The language school is very 3 efficient/efficiently organized. On the first morning we had to take a test, which I found rather hard. However, I got a 4 surprising/surprisingly good mark, so I'm in the second class now. I didn't talk much at first, because I couldn't think of the words 5 quick/quickly enough, but 6 late/lately I've become much more 7 fluent/fluently. I'm staying with a family who live 8 near/nearly the school. They are quite 9 pleasant/pleasantly although I don't see much of them, because I'm always so 10 busy/busily with my friends at school. I was surprised how 11 easy/easily I made friends here. They come from 12 different/differently parts of the world and we have some 13 absolute/absolutely fascinating discussions. I do hope you will be able to join me here next term. I'm sure we'd have 14 good/well fun together.

Best wishes, Celia

Task 4 Write the correct form of the verbs crossed out in the following letter.



Dear	D 4
Llear	Peter

I have been attending my college for a year. I'm very happy about 1 study studying here. At first, it was a little hard getting used to 2 speak _____ English all the time, but now I feel very comfortable about 3 communicate ____ in my second language.

I just joined an international student group, and I'm very excited about 4 meet ______ new people. Summer vacation is coming, and a few of us are planning on 5 do ______ some traveling together. Before joining this group, I used to 6 spending _____ holidays alone. I'm happy that I have made many good friends now.

I look forward to 7 hear from you soon!

Jane



词类及其之间的相互关系

一、词类

名 称	缩写	中文名	例 子	概念或功能
noun	n.	名词	boy, milk, love	表示人、物及抽象概念的名称
pronoun	pron.	代词	you, I, my, yours	代替名词或起名词作用的短语、句子
adjective	adj.	形容词	good, happy, nice	描绘人或事物的特征、性质、状态
adverb	adv.	副词	well, fast, quickly	表达时间、地点、程度、方式等概念
verb	v.	动词	do, cut, run, jump	表示动作或状态
numeral	num.	数词	two, third, fourth	表示数目多少或顺序
article	art.	冠词	a, an, the	限定、说明名词的所指
preposition	prep.	介词	at, in, with, for	表示词与词、词与句之间的关系
conjunction	conj.	连词	and, so, because	连接词、短语或句子, 表达逻辑关系
interjection	interj.	感叹词	oh, yeah, ouch	表示喜怒哀乐等感情或情绪

注:不少单词不仅仅属于一个词类,在不同的语言环境下可体现不同的词性。例如:

1. Would you like to take a walk? (名词) 2. I usually walk to school. (动词)

二、词与词之间的关系

- 1. 冠词修饰和限定名词: a book, an apple, the president
- 2. 形容词修饰名词: new car, beautiful flower
- 3. 副词修饰动词、形容词、副词及整个句子:

I speak English loudly. (修饰动词)

She is really pretty. (修饰形容词)

What happened? The father asked, rather slowly. (修饰副词)

Fortunately, no one was hurt. (修饰整个句子)

4. 介词后接名词或动名词: in the morning, look forward to visiting your city



Comprehensive Exercises

Task 1	Complete the dialogs by crossing out the wrong word or words.						
	1. A: Did you enjoy your holiday?						
	B: Yes, we had wonderful time/a wonderful time.						
	2. A: What can I do for you, Susan?						
	B: Can you give me some advice/advices	on how to find a job?					
	3. A: What would you like to put in your sandwich?						
	B: I'd like a chicken/some chicken, please	e.					
	4. A: How is the park?						
	B: It is beautiful. And we took some <u>photos/photoes</u> there.						
	5. A: Are you busy tomorrow?						
	B: Yes. We have some <u>business/businesses</u> to discuss.						
	6. A: What did you do with Jackie last night?						
	B: I had <u>conversation/a conversation</u> with	him.					
	7. A: Hi, guys. Are you ready for the holiday?						
	B: Yes. We have packed all the <u>luggage/luggage/luggage</u>	uggages here.					
	8. A: What's the matter?						
	B: You've got some <u>egg/eggs</u> on your ship	rt.					
	9. A: What can you see in the distance?						
	B: I can see a few sheep/sheeps.						
	10. A: How did your interview go?						
	B: Well, I didn't get the job. I think the experiences.	ey really wanted someone with some experience	rience/				
Task 2	Fill in each blank with the appropriate	e form of the word given in the bracket	s.				
	1. Living in the country is less (expense)	than living in the city.					
	2. Although John was not experienced in bu	siness, he did it with (confident)	_•				
	3. The chairman emphasized his ideas by sp	eaking more (loud)					
	4. Some American businessmen in China are	spending a lot of time in (learn)	Chinese.				
	5. Some people do believe that smoking will	l (certain) cause lung cancer.					
	6. I'm (real) sorry for the mis	stake our office worker made last month.					
	7. Could you go to bed (early)						
	8. The sellers allowed us to pay them on a (r						
	9. John is the (clever) student						
	10. He told a very (live) story						
Task 3	Rewrite each of the following sentences without changing its meaning.						
	1. The boy is a quick learner.	The boy learns	·				
	2. The man can cook really well.	The man is a					
	3. Your behavior was extremely foolish.	You behaved					

土建u1.indd 20 2010.1.6 3:3

4. The hotel staff treated us in a very friendly manner.	The hotel staff were
5. I don't think that's a practical suggestion.	That suggestion doesn't sound
6. Philip is usually a hard worker.	Philip usually works
7. Tom looked sad when I saw him.	Tom looked at me
8. I wish you could swim fast.	I wish you were a
9. She speaks perfect English.	She speaks English
10. I didn't go out because of the heavy rain.	I didn't go out because it rained

Task 4 Cross out the wrong word in each of the word pairs underlined.

Helen Keller was a 1 <u>health/healthy</u> baby. But when she was 19 months old, she had a 2 <u>sudden/suddenly</u> fever. Later, the fever disappeared, but she became 3 <u>blind/blindly</u> and 4 deaf/deafly.

When Helen was seven years old, a teacher, Anne Sullivan, came to live with Helen's family. First, Anne taught Helen how to talk with her fingers. Then Anne taught Helen to read by the Braille system. Helen learned these things 5 quick/quickly. However, learning to speak was 6 harder/hardly. Anne continued to teach Helen patiently. 7 Final/Finally, when Helen was 10 years old, she could speak 8 clear/clearly enough for people to understand her.

Helen went to an institute for the blind, where she did very 9 good/well in her studies. Then she went to college, where she graduated with honors when she was 24 years old. Helen traveled 10 extensive/extensively with Anne. She worked 11 tireless/tirelessly, traveling all over America, Europe, and Asia to raise money to build schools for blind people. Her 12 main/mainly message was that disabled people are like everybody else. They want to live life 13 full/fully and 14 natural/naturally. Helen wanted all people to be treated 15 equal/equally.



土建u1.indd 21 2010.1.6 3:39:36 PM



A Glimpse of the Greatest Buildings

The British Museum

The British Museum, located in London, is a museum of human history and culture. Its collections are amongst the largest and most comprehensive in the world. The British Museum was established in 1753 and it first opened to the public on 15 January, 1759. Over the following two and a half centuries, several branch institutions have been built, the first of which is the British Museum of Natural History in South Kensington in 1887.

The Great Court of the British Museum can be understood in the context of our "World Squares for All" master plan, which makes detailed proposals for the environmental improvement of Trafalgar Square, Parliament Square, Whitehall and their environs in



central London. The scheme's emphasis is on improving pedestrian access and enhancing the settings of the area's many historical buildings and monuments.

The British Museum Reading Room, situated in the center of the Great Court, used to be the main reading room of the British Library. The Reading Room's domed roof is metal framed, and the surface that makes up the ceiling is a type of papier-mâché. The Reading Room was used by a large number of famous figures, including Karl Marx, Oscar Wilde, Mahatma Gandhi, George Bernard Shaw, etc.

