In this next module, we're going to talk about parallelism, which means writing sentences in parallel structure, pairs of ideas that are joined by and or but should be written in parallel form. That means that the two parts have to follow the same grammatical structure. Here's an, example. The velocity decreased by 50 %, but the pressure decreased by only 10%. So we've got subject verb velocity decreased, and then subject verb pressure decreased. I'm going to refer you here to another good writing reference. I borrowed this example from The Essentials of Writing Biomedical Papers by Mimi Zeiger. This is an excellent reference that's specifically on scientific writing, so I'll just point that out to you. Now.

Here's another example of pairs of ideas that are joined by and or but you would say we aimed to increase the resolution and to improve picture quality. So we get infinitive phrase and infinitive phrase. Those pairs of ideas must be written in parallel form, like this.

Besides pairs of ideas, lists of ideas also need to be written in parallel form. This means that all items in the list should have the same grammatical structure. Here's uh another example from Strong and White. The 1st version is not parallel. It says, locusts denuded fields. At Utah, rural Ida, Iowa was washed away by torrents. And in Arizona, the cotton was shriveled by the placing heat. That's unparalleled, because all the items in the list have different constructions. Locusts denuded that subject. Verb Rural Iowa was washed away. That's in the passive voice in Arizona, that's a prepositional phrase. To make this sentence parallel. You can make all the items in the list follow subject firm So you can say, locusts denuded fields in Utah, torrents washed away rural Iowa, and blazing heat shriveled Arizona’s cotton. All of those follow subject verb.

Parallelism means that you have to make a choice for the structure and stick with it. Here is an example of a sentence that's nicely in parallel structure. It says NASA’s intrepid Mars Rover curiosity has been through a lot in the past year. It flew 354 million miles, blasted through mar the Mars atmosphere, deployed a supersonic parachute, unfurled the giant sky cream, and touched down gently on the surface of Mars. Notice that in that 2nd sentence, it's got a list of things, and they're all parallel. They all follow the same structure. We've got it, flew, blasted, deployed, unfurled and touched down. So everything in that list starts with a verb. Also, notice the really nice verbs in this sentence. It flew, it blasted, it deployed, unfurled, touched down gently. Those are lovely verbs.

Here's another example of a sentence that's not in parallel form. **If you want to be a good doctor, you must study hard, critically, think about the medical literature, and you should be a good listener.** You can hear that that sounds funny when you read it out loud. The 1st two items in the list are verbs, study and think. But the placement of the adverb is different. The final item in the list actually shifts from A You must to a you should be to make these parallel. You could make them all imperative. You could say, if you want to be a good a doctor, you must study hard, listen well and think critically about the medical literature. Or you could also make them all into nouns. You can say, if you want to be a good doctor, you must be a good student, a good listener and a critical thinker.

All right, another example of an unparalleled sentence. **This research follows four distinct phases One, establishing measurement instruments. Two, pattern measurement. Three, developing interventions. And four, the dissemination of successful interventions to other settings and institutions.** Notice, we've got establishing and developing those matches, but then we have measurement and dissemination. Those two matches, but all four don't match. To make them all match, we could turn them all into ings, that is, words ending in I-N-G So you could say this research follows four distinct phases establishing, measuring, developing and disseminating. When writing lists, always go back and double check that your lists are parallel. This kind of mistake is quite common.

I'm going to do one practice example here. If you'd like to test yourself, you could pause the video now in, attempt to get this into, parallel structure on your own. Otherwise, I'll just lead you through it. This one read Bates describes the five principles for the success of decision support systems in clinical settings speed, real time delivery, integration into workflow, simplicity and to avoid data entry. You can hear the non-parallel structure when you read that one out loud. We have all nouns Speed delivery, simplicity, until the last item, where we get an infinitive phrase. To avoid this, one's actually fairly simple to fix. You just have to turn everything into announce. So you could say Bates describes the five principles speed real time delivery, integration into workflow, simplicity and the avoidance of data entry. Now these are all nouns.

在下一个模块中， 我们将讨论并行性， 这意味着以平行结构写句子。 用 “and”、“或” 或 “but” 连接在一起的想法应以平行形式书写。 这意味着这两个部分必须遵循相同的语法结构。 这里有一个例子。 速度下降了50％， 但压力仅下降了10％。 所以我们有主语动词 —— 速度降低，然后是主语动词 —— 压力降低。 我要在这里向你推荐另一份不错的写作参考资料。 我借用了 咪咪·齐格（Mimi Zeiger）的《生物医学论文写作要点》中的这个例子。 这是一本专门针对科学写作的绝佳参考资料， 所以我现在就向你指出这一点。 这是另一个由 “and”、“或” 或 “but” 连接在一起的想法配对的示例。 你会说：“我们的目标是提高分辨率和改善画质。” 所以我们得到不定式短语和不定式短语。 这两个想法必须用这样的平行形式写出来。 除了成对的想法外， 还需要以平行形式写出想法清单。 这意味着列表中的所有项目都应具有相同的语法结构。 这是 Strunk and White 的另一个例子。 第一个版本并不平行。 它说：“蝗虫掩盖了犹他州的田 地，爱荷华州的农村被洪流冲走， 在亚利桑那州，棉花被放置的热量萎缩了”。 这是无与伦比的，因为列表中的所有项目都有不同的结构。 “蝗虫”，“裸露”，这是主语动词； “爱荷华州的农村被冲走了”，那是被动语态； “在亚利桑那州”，这是一个命题短语。 要使这句话平行， 你可以让列表中的所有项目都跟在主语动词之后。 所以你可以说：“蝗虫掩盖了犹他州的田地， 洪流冲走了爱荷华州的乡村， 炎热的天气使亚利桑那州的棉花萎缩了。” 所有这些都遵循主语动词。 平行是一种手段，你必须对结构做出选择并坚持下去。 以下是一个非常平行结构的句子的示例。 它说：“在过去的一年中，美国宇航局勇敢的火星探测器 好奇号经历了很多事情。 它飞行了3.54亿英里，冲 破了火星大气层， 部署了超音速降落伞， 展开了一台巨大的空中起重机， 然后轻轻地降落在了火星表面。” 请注意，在第二句话中， 它有一份事物清单，而且它们都是平行的。 它们都遵循相同的结构。 我们让它飞行、爆炸、 部署、展开然后降落。 因此，该列表中的所有内容都以动词开头。 还要注意这句话中非常漂亮的动词； 它飞行、爆炸、 部署、展开、轻轻地降落。 这些都是可爱的动词。 这是另一个非平行形式的句子的示例。 “如果你想成为一名好医生， 你必须努力学习， 批判性地思考医学文献 ，你应该成为一个好的倾听者。”当@@ 你大声朗读时，你可以听到这听起来很有趣。 列表中的前两项是动词； 研究和思考，但副词的位置不同。 列表中的最后一个项目实际上从 “你必须” 变为 “你应该”。 为了使它们平行， 你可以让它们都变得势在必行。 你可以说：“如果你想成为一名好医生， 你必须努力学习，好 好倾听，批判性地思考医学文献。” 或者你也可以把它们全部变成名词。 你可以说：“如果你想成为一名好医生， 你必须是一个好学生，一个 好的倾听者和一个批判性的思想家。” 好吧。 另一个非平行句子的例子。 “这项研究分为四个不同的阶段： （1）建立测量工具；（2）模式测量； （3）制定干预措施；（4） 向其他环境和机构传播成功的干预措施。” 请注意，我们有 “建立” 和 “发展” ——它们是匹配的。 但是我们有 “测量” 和 “传播” ——这两者匹配， 但所有四个都不匹配。 为了使它们都匹配， 我们可以将它们全部变成动名词；也就是说，以 “I-N-G” 结尾的单词。因此，你可以 说：“这项研究分为四个不同的阶段：建立、 衡量、发展和传播。 编写列表时，请务必返回并仔细检查您的列表是否平行。 这种错误很常见。 我要在这里举一个练习的例子。 如果你想测试自己， 你可以立即暂停视频，然后 尝试自己把它变成平行结构。 否则，我就带你度过难关。 这篇文章写道：“贝茨描述了 决策支持系统在临床环境中取得成功的五个原则：速度、 实时交付、集成到工作流程、 简单性和避免数据输入。当你大声朗读那个非平行结构时，你可以听见那个非平行结构。 我们有所有名词：速度、交付、 简单 —— 直到最后一项， 我们得到一个不定式短语 —— 需要避免。 这个问题其实很容易修复。 你只需要把所有东西都变成名词即可。 因此，你可以说：“Bates描述了五个原则：速度、 实时交付、集成到工作流程、 简单性和避免数据输入。 现在这些都是名词。