



对讲机

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success



实验目的

- 1.了解对讲机的应用
- 2.完成对讲机的拼装
- 3.在科学实验中激发孩子学习的兴趣，培养孩子的科学思维。



课堂导入



它是什么产品？





这个产品都有什么功能呢?

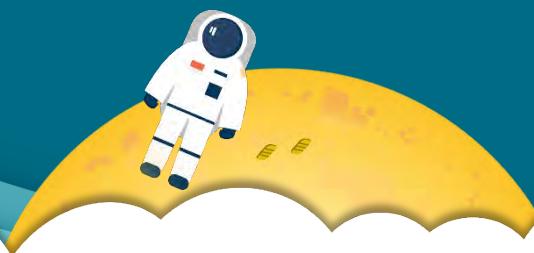


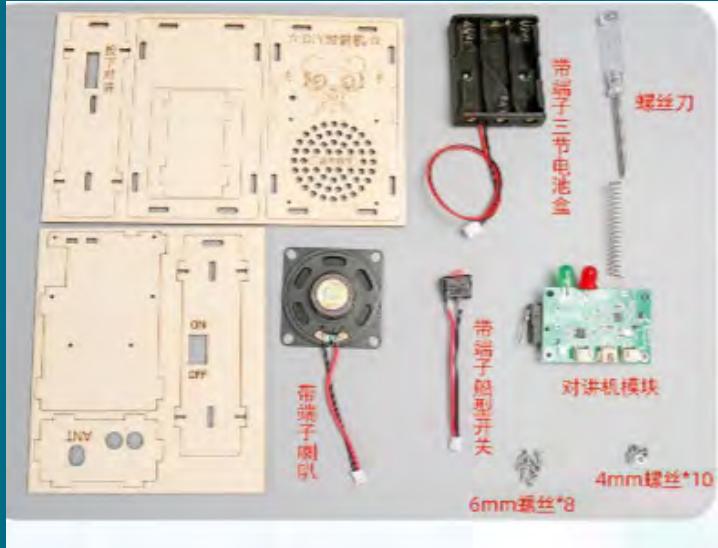
我们一起来学习吧

实验步骤

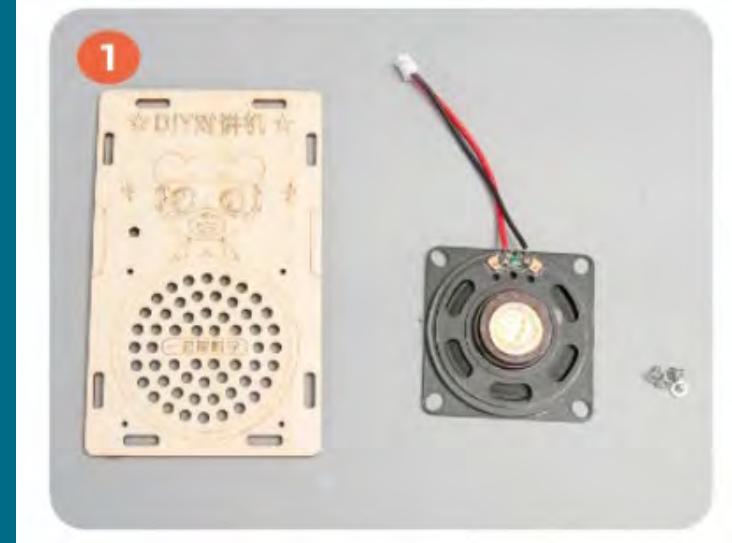
☆ 我 ☆ 你 ☆ 他 ☆ 们 ☆

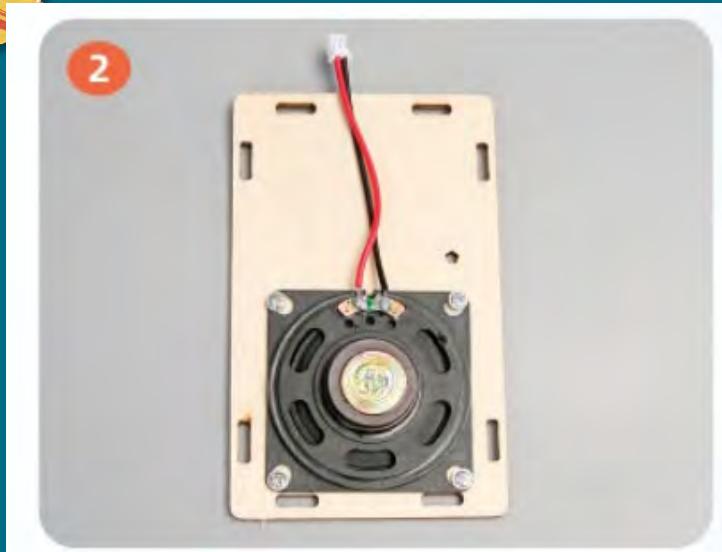
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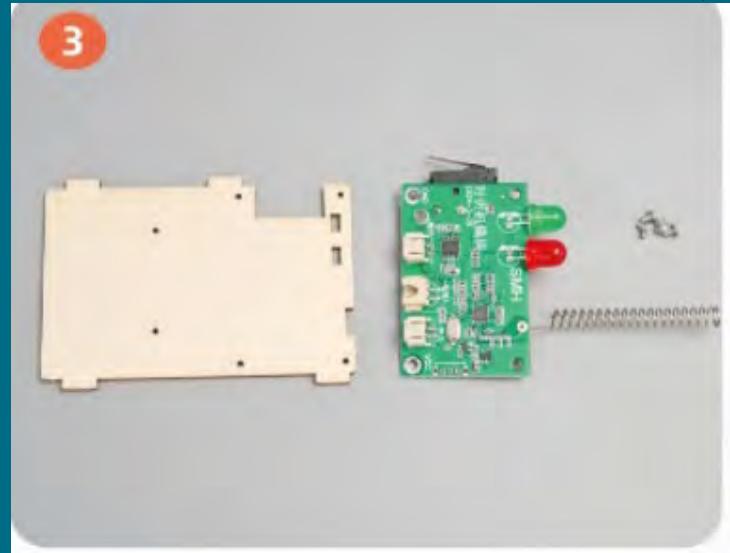


认识零件。





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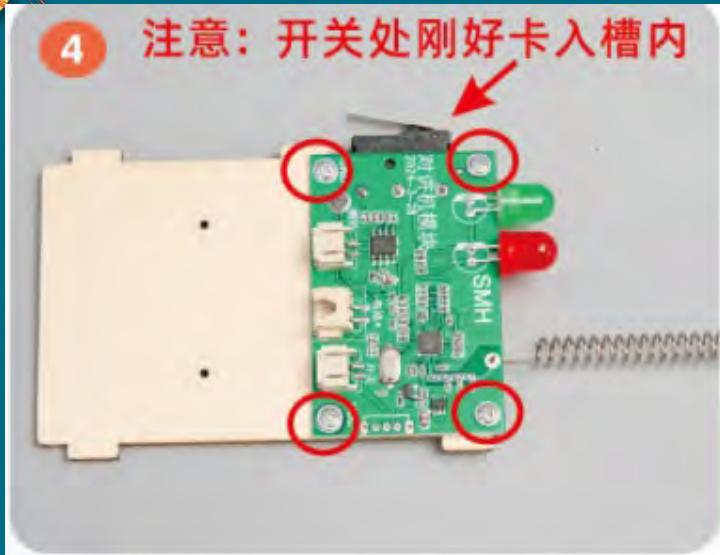
如图用4mm螺丝将喇叭固定在
前板背面

如图准备以上配件及4颗4mm螺丝

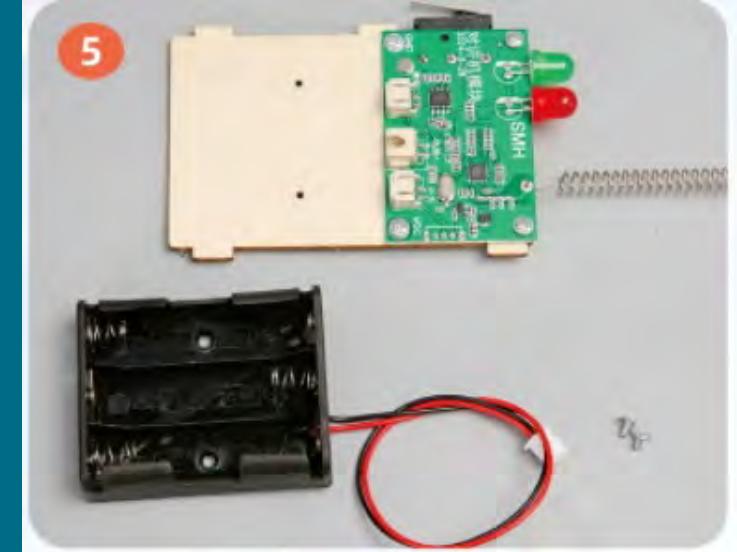


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注意：开关处刚好卡入槽内

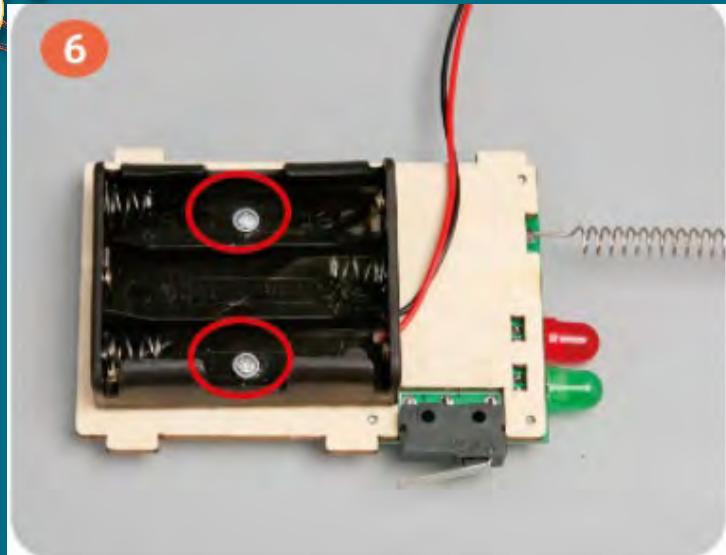


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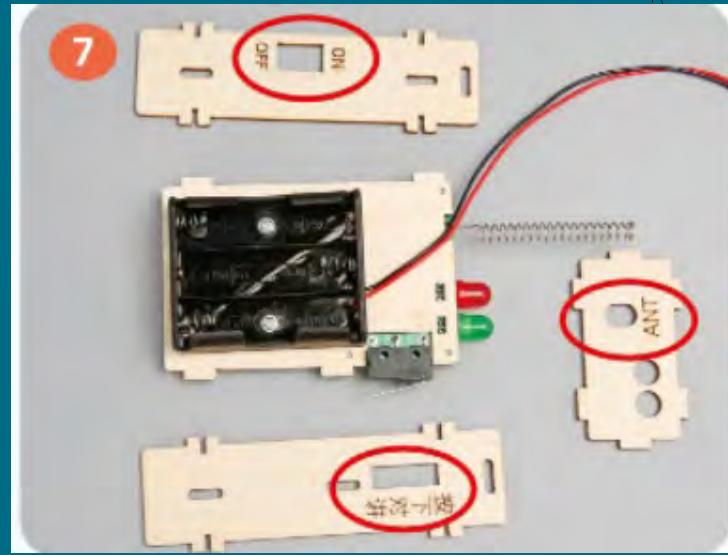


如图用4mm螺丝将对讲机模块固定

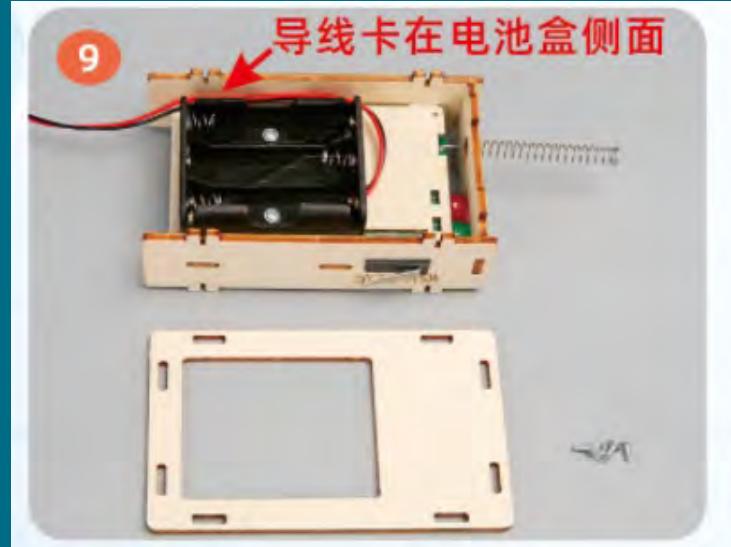
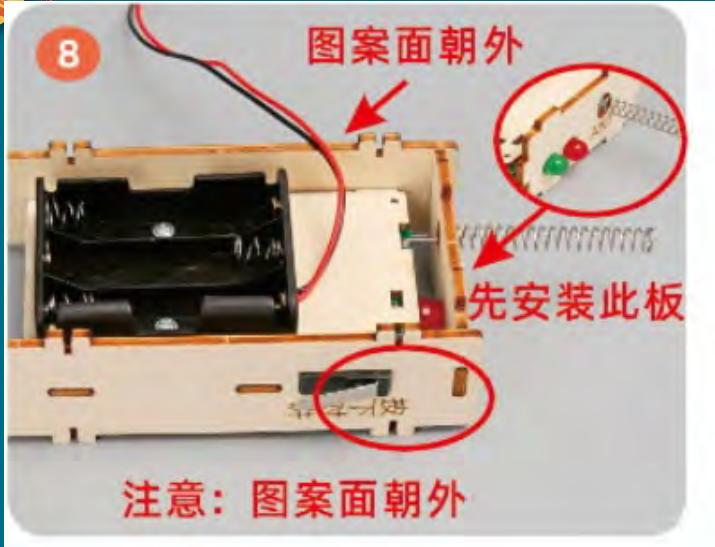
如图准备以上配件及2颗4mm螺丝



如图用4mm螺丝固定电池盒

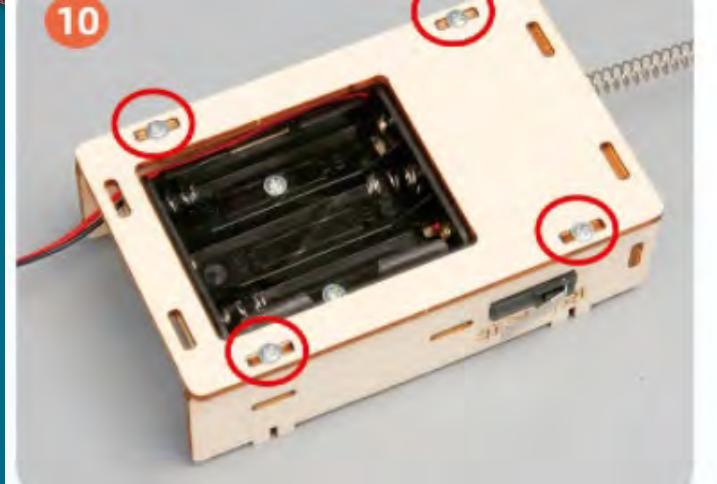


如图准备以上配件，按照图上摆放好



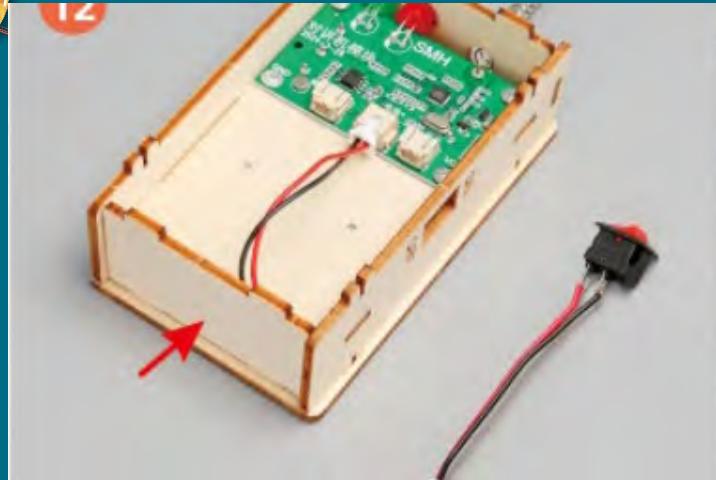
如图先安装ANT板，再安装两侧木板

如图准备以上配件及4颗6mm螺丝



如图安装并用螺丝固定

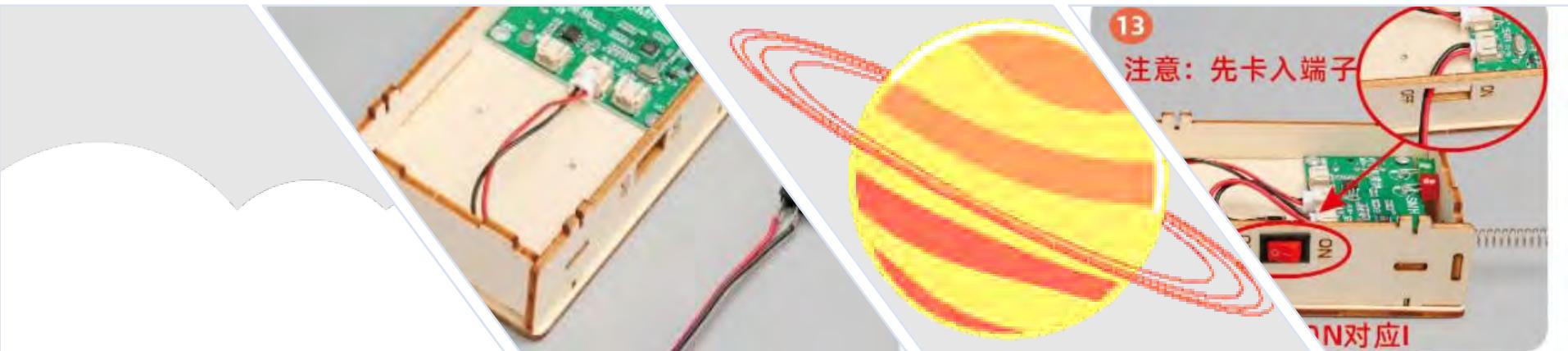
如图将电池盒端子卡入槽，准备木板配件



如图安装木板，准备开关



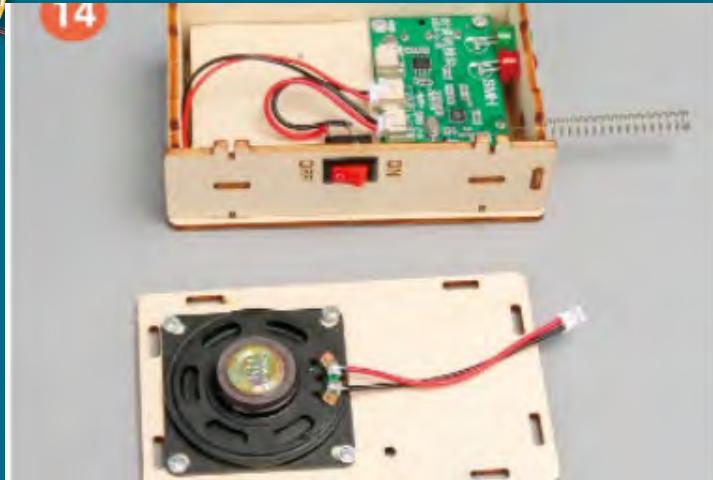
如图先卡入端子再安装开关



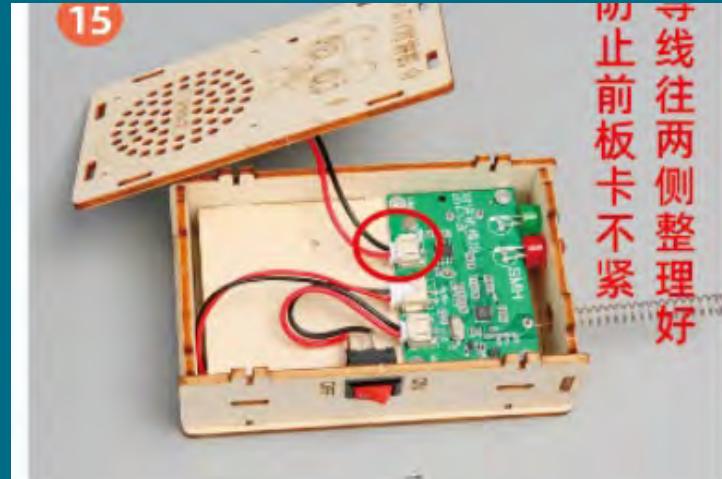
单击此处添加标题

如图先卡入端子再安装开关

如图安装木板，准备开关



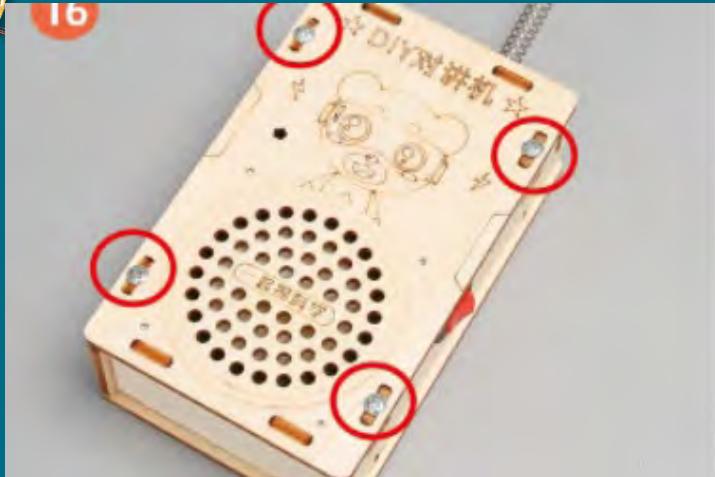
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如图以上配件

如图将喇叭端子卡入槽准备4颗
6mm螺丝

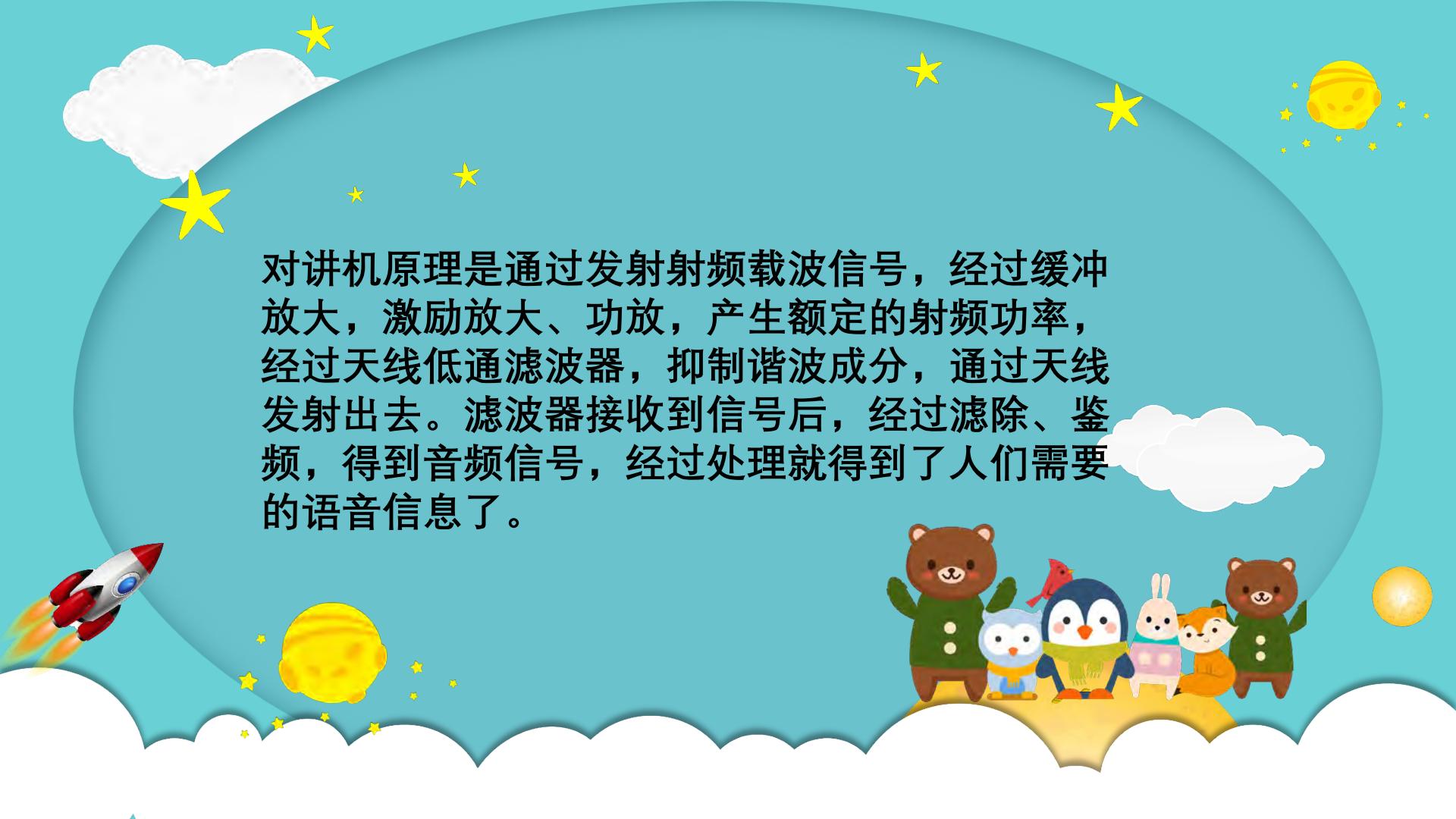


如图安装并用螺丝固定，组装完成

实验小原理

思☆考☆很☆重☆要☆





对讲机原理是通过发射射频载波信号，经过缓冲放大，激励放大、功放，产生额定的射频功率，经过天线低通滤波器，抑制谐波成分，通过天线发射出去。滤波器接收到信号后，经过滤除、鉴频，得到音频信号，经过处理就得到了人们需要的语音信息了。

感谢聆听

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