

化学教育(中英文)

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个人经验

理性分析

系统思维

低碳行动方案
1.0版

低碳行动方案
2.0版

低碳行动方案
3.0版

实际问题解决能力
的发展进阶

学生对碳循环认识
的发展进阶

学生对低碳情感
态度的发展进阶

生活经验
(宣传口号)

生活视角

较远、关系不大

理性认识
(化学:二氧化碳的
来源与转化)

化学视角: 含碳
物质

认同、关注

实际需求、系统认识
(不同层面、影响因素)

学科概念: 元素观
转化观

责任担当、志向

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邮 政 编 码	100875	刊名题字	戴安邦
电 话(传 真)	010—58807875	印 刷 装 订	保定市海天印务有限公司
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邮 政 编 码	北京师范大学化学楼 217 室		王祖浩 杨 岷 郑长龙 朱玉军(专职)
电 话(传 真)	100875	刊名题字	戴安邦
咨 询 信 箱	010—58807875	印 刷 装 订	保定市海天印务有限公司
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