

Study of the flammability of trees

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MY BROTHER AND I DECIDED TO FIND OUT IF ALL TYPES OF WOOD BURN THE SAME WAY?

- THE AIM OF THE STUDY IS TO FIND OUT WHICH TREE SPECIES BURNS THE FASTEST.
- THE OBJECTIVES OF THE STUDY ARE:
- 1. CHOOSE SEVERAL TREE SPECIES.
- 2. CREATE A LEVEL PLAYING FIELD FOR COMBUSTION.
- 3. MONITOR AND RECORD DATA.
- RESEARCH METHOD – TEST, OBSERVATION.
- MEASURES:
- 1. TREE FIREWOOD
- 2. AXE
- 3. SCALES
- 4. GRILL
- 5. MATCHES
- 6. PHONE

I DECIDED TO STUDY SPRUCE, BIRCH AND ASH



SPRUCE



BIRCH



ASH

FOR THE ACCURACY OF THE TEST, FIREWOOD MUST BE DRIED UNDER THE SAME CONDITIONS AND FOR THE SAME AMOUNT OF TIME. WE'VE CHOPPED THEM UP.



SPRUCE



BIRCH



ASH

WE TRIED TO MAKE PILES OF EQUAL WEIGHT



SPRUCE 450 g



BIRCH 448 g



ASH 449 g

IT'S TIME TO GET STARTED!





1. **ASH** **2. SPRUCE** **3. BIRCH**



INITIATION OF THE INVESTIGATION14:40

HUNGRY DURING THE STUDY, BREADCRUMBS CAN BE BAKED





1. UOSIS 2. EGLĖ 3. BERŽAS

14.47 14.51 14.59







ATRODO VISOS TRYS KRŪVELĖS DEGA LABAI PANAŠIAI

1. ASH

15.02

2. SPRUCE

15.12

3. BIRCH

15.20







FIRST THE STICKS OF THE SPRUCE TREE BURNED, THEN THE ASH, THE LONGEST BURNING BIRCH

INITIATION OF THE INVESTIGATION14.40 END 15.22

RESULT:
SPRUCE BURNED THE SHORTEST 32MIN,
ASH BURNED FOR 40MIN
BIRCH 42MIN.



SO, THE CONCLUSION IS THIS – IF YOU WANT YOUR BONFIRE TO BURN BRIEFLY, USE SPRUCE WOOD, AND IF YOU WANT IT TO BURN LONGER - USE BIRCH.





THANK YOU FOR YOUR ATTENTION