Conceptual Combination Stimuli
(Swinney et al, 2007 Psych Science)

For each experimental sentence, there are 4 probe words:
(1) Compound property RELATED  (3) Noun property RELATED
(2) Compound property Non-RELATED  (4) Noun property Non-RELATED

These words were presented at one of two probe points during the auditory presentation of the sentence (noted by the superscript \(^1\) and \(^2\) in the sentences below).

EXAMPLE:
The police were surprised to find several sacks filled with candy\(^1\) corn\(^2\) at the suspect’s house.

\[
\text{Compound property ("candy corn") } \quad \text{Noun property ("corn")} \\
(1) \text{RELATED: triangle} \quad \text{(3) RELATED: husk} \\
(2) \text{Non-RELATED: grateful} \quad \text{(4) Non-RELATED: meek}
\]

Experimental Items

The police were surprised to find several sacks filled with candy\(^1\) corn\(^2\) at the suspect’s house.

- Compound property – triangle
- Non-related – grateful
- Noun property – husk
- Non-related – meek

No one had expected the search for the lost computer\(^1\) mouse\(^2\) to be over so quickly.

- Compound property – pointer
- Non-related – granite
- Noun property – furry
- Non-related – tidal

After questioning several witnesses, the private investigator traced the horse\(^1\) shoe\(^2\) to a small town in Maine.

- Compound property – metal
- Non-related – bible
- Noun property – foot
- Non-related – boat

A minority owned company was hired to clean the stained\(^1\) glass\(^2\) windows in the cathedral.

- Compound property – church
- Non-related – social
- Noun property – clear
- Non-related – leave

The foreign visitor found it difficult to stay out of the rat\(^1\) race\(^2\) despite his best efforts.

- Compound property – hectic
- Non-related – darkly
- Noun property – run
- Non-related – age

The prison inmates rioted after they were served mashed\(^1\) potatoes\(^2\) for the third straight week.
Despite heated controversy among the art contest judges, the broken\textsuperscript{1} lamp\textsuperscript{2} received first prize.

The delivery truck arrived every morning with a small load of brown\textsuperscript{1} sugar\textsuperscript{2} for the restaurant.

The bandits found it difficult to conceal themselves in the dry\textsuperscript{1} grass\textsuperscript{2} along the river.

The eccentric plumber was rumored to have used green\textsuperscript{1} tomatoes\textsuperscript{2} in his last recipe.

The local section of the newspaper featured an article covering the baby\textsuperscript{1} shower\textsuperscript{2} for the mayor’s daughter.

The security guard discovered an old set of false\textsuperscript{1} teeth\textsuperscript{2} in the hospital basement.

The jury based their decision on the presence of the peeled\textsuperscript{1} potato\textsuperscript{2} found in the kitchen.

The shamen carried a pouch on his belt containing the flawed\textsuperscript{1} diamond\textsuperscript{2} found in the ancient tomb.

The youngest member of the little league team threw the ball into the muddy\textsuperscript{1} water\textsuperscript{2} alongside the bleachers.

The only trace of the lost hunting party was a knife found in the burnt\textsuperscript{1} meadow\textsuperscript{2} across the river.

The team of biologists found a new species of snake in the dead\textsuperscript{1} tree\textsuperscript{2} on the edge of the rainforest.
The guests became uncomfortable when none of them could identify the dribble glass on the table.

The committee presented a proposal to the mayor for extending the gravel street into the forest.

The boy’s maternal grandmother placed the peeled apple on the windowsill.

At the back of the new department store, a sign was posted advertising wet dirt for a reasonable price.

The executive delivered a speech proposing the peeled banana as the companies new logo.

The rodeo continued on as planned despite heavy snow over the weekend.

The woman was finally persuaded to purchase the clay pigeon for her husband’s birthday.

The magazine featured a whole series of articles about the Dutch shoes used in Holland.

The electrician decided that it would be best to work on the rubber floor while handling live circuits.

During the performance, the ringmaster gave the toy whale to the juggling clown.
It came as no surprise to many people that the jury used thin to reasoning to arrive at their conclusion.

<table>
<thead>
<tr>
<th>Compound property – stupid</th>
<th>Noun property – logic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-related – silver</td>
<td>Non-related – sport</td>
</tr>
</tbody>
</table>

The investigators finally determined that the wind sock was to blame for the crash.

<table>
<thead>
<tr>
<th>Compound property – direction</th>
<th>Noun property – shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-related – dangerous</td>
<td>Non-related – hurt</td>
</tr>
</tbody>
</table>

The senior engineer was noncommittal when his best design team proposed the feasibility of glass tires in their report.

<table>
<thead>
<tr>
<th>Compound property – impractical</th>
<th>Noun property – rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-related – belligerent</td>
<td>Non-related – silent</td>
</tr>
</tbody>
</table>

The retired singer began a series of lectures on how to avoid jello knees during public performances.

<table>
<thead>
<tr>
<th>Compound property – nervous</th>
<th>Noun property – joint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-related – roughly</td>
<td>Non-related – bench</td>
</tr>
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</table>

Political correctness had gone too far when it was suggested that dog days should be replaced with animal days.

<table>
<thead>
<tr>
<th>Compound property – hot</th>
<th>Noun property – weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-related – fat</td>
<td>Non-related – broad</td>
</tr>
</tbody>
</table>